

## 7. Wayne Med-Direct program curriculum

In addition to the individual academic curricula (major/minor/pre-medicine/honors) students pursue for Bachelor's degree completion at Wayne State University, Wayne Med-Direct undergraduate training curriculum is created to prepare students for the academic and professional rigor of the medical school and shape them by providing guidance, knowledge, training opportunities to become future leaders in medicine. All Wayne Med-Direct students must follow this training curriculum during the four years of their undergraduate term and routine evaluations will determine the students' success in pursuing the curriculum. It is important to note that **requirement set forth herein are the minimum requirements of the Wayne Med-Direct curriculum**. Students are encouraged to pursue more in any of these experiences as their schedules permit.

### 7.1 Guidelines

- Wayne Med-Direct curriculum defines semesters as follows.
  - Fall semester: Sep 1-Dec 15
  - Winter semester: Jan 1-Apr 15
  - Spring/Summer semester: May 1-Aug 15
- All requirements of the Wayne Med-Direct curriculum must be met during the four years undergraduate term in order to matriculate to the School of Medicine.
- Proposed activities for each academic year must be completed successfully to be and remain eligible to receive the Wayne Med-Direct undergraduate scholarship in the next academic year.
- Prior to each academic year the student must submit an **"Action Plan"** by Aug 15 to indicate which requirements are anticipated to complete in the upcoming academic year.
- At the end of each academic year the student must submit the **"Checklist for yearly progress"** by Aug 15 (by Apr 15 in year 4) to indicate that the proposed requirements were met during that academic year.
- Unless approved by the program, no requirement can be met with substitutes proposed by the student. (i.e. A student may prefer to engage in research during all 4 years; two additional years of research cannot substitute community service requirements)

### 7.2 Components

Wayne Med-Direct training curriculum consists of five components.

1. Pre-freshman summer program
2. Research
3. Community engagement
4. Clinical experience
5. Professional development program

### **7.2.1 Pre-freshman summer program**

Pre-freshman summer program is created to narrow the gap in projected career success and actual career success observed in college students typically explained by inadequate knowledge and skills brought in as high school graduates that can diminish their chances of outstanding performance in undergraduate studies. Pre-freshman summer program consists of an academic program focused on learning advanced content in a problem based format and a hidden curriculum focused on skills building. At the end of the pre-freshman summer program students are well prepared for the academic rigor of college and are equipped with requisite skills to be successful in their academic major and other required curricula.

#### **7.2.1.1 Objectives**

- To Nurture and advance knowledge in different science disciplines and ways to integrate those disciplines.
- To stress the development of skills necessary for academic success, such as study skills, working in groups, utilizing resources, and presentation and writing abilities.
- To raise awareness on resources on campus; how to and where to seek for help.
- To build a scholarly academic community among students.

#### **7.2.1.2 Duration, timeline and logistics**

Newly admitted students are invited to participate in the pre-freshman summer program for 4 weeks in July before the freshman year. Students stay in campus housing in the entire duration of the program and are provided with a meal plan.

#### **7.2.1.3 Components**

- Students enroll in the 0 credit course-STS 0400 Wayne Med-Direct Pre-freshman summer program
- **Week 1:** New student orientation, pre-medicine check up with the pre-med and health science center, placement exams, and information sessions on skills building (developing skills necessary for academic success in college facilitated by Academic Success Center and other student service partners across campus).
- **Weeks 2-4:** Students are delivered with intense and escalated content on a variety of scientific and academic topics intended to prepare the students for the rigors of higher education. Students also engage in exercises designed to demonstrate the integration in the science disciplines and they are given opportunities to interact with faculty mentors who are active in biomedical research.

#### **7.2.1.4 Evaluation**

Students are given feedback on their performance in assignments and other tasks assigned throughout the program by the instructors. Students receive a Pass grade for the STS 0400 course for their participation in the program. Students must participate in a survey at the completion of the program to provide feedback on their experience in the program.

### 7.2.2 Research

Wayne Med-Direct curriculum requires two full years of research with the intention of exposing students to research intensive environments and mentors from the beginning of their training to accomplish the outcomes listed below.

#### 7.2.2.1 Objectives

- To establish an effective mentor-mentee relationship between the research mentor and the student which can positively impact the student’s career via mentorship, guidance, networking opportunities and experiences provided by the mentor. Ultimately the student can benefit from a strong recommendation letter for the application to Medical School from a long-term mentor and individualized advising to make career choices.
- To develop skills other than research skills such as building professional relationships, professional etiquette, sense of responsibility, teamwork skills, communication and presentation skills, problem solving and critical thinking skills, management skills etc.
- To receive the opportunity to explore the interconnectivity and interdisciplinary nature of science which is frequently experienced in the field of medicine.
- To gather extensive research experience required to pursue graduate studies with research as the primary focus (ex: M.D./PhD. Programs)

#### 7.2.2.2 Duration, timeline and logistics

- All students must engage in two full years of research (six semesters).
- Students can choose a timeline option that is most compatible with their academic plan of work from the two indicated below to complete this requirement.
- Students will be supported by a stipend in both spring/summer semesters they engage in research for a time commitment of 40 hours/week.
- After year one, the continuing year of research must be completed in three consecutive semesters (unless otherwise approved by the program).

Time commitment expected in each semester:

- **Year 1:**
  - **Fall:** N/A
  - **Winter:** N/A
  - **Spring/Summer:** 40 hours/week
- **Continuing year:**
  - **Fall:** 10 hours/week
  - **Winter:** 10 hours/week
  - **Spring/Summer:** 40 hours/week

Option	Year 1			Year 2			Year 3			Year 4	
	F	W	S/S	F	W	S/S	F	W	S/S	F	W
1							*				
2										*	

\* Participation in the WSU Undergraduate Research Symposium

### 7.2.2.3 Components

- **Year 1:**

- **Fall:** Students enroll in the 1 credit course-UGR 1050 Introduction to Research Methodology. Students learn about the design, execution, and analysis of experiments in the biological and social sciences.
- **Winter:** Students take their choice of RCN (research coordination network) section from the following courses which offer specially designed laboratory classes with opportunities to engage in guided research as a transition from learning about research to hands on research.
  - CHM 1230 General Chemistry Lab (1 credit-BUILD scholars section)- Research course focused on urban farming in Detroit
  - BIO 1510 Basic Life Mechanisms Lecture and Lab (4 credits-Honors/BUILD scholars section)
  - PH 4900 Directed Study in Public Health (1-3 credits-BUILD/Med-Direct section)

Students are also assisted in selecting a research mentor for mentorship in long term research in disciplines that are relevant to their majors of interest. A student interview with several faculty mentors to discuss the research project, expectations, student's academic background and career goals to identify a good fit.

- **Spring/Summer:** Students engage in independent research for 10 weeks under the supervision of the selected faculty mentor. Summer research starts with a weeklong orientation. To conclude summer research students submit an abstract and a research report on their project and present a poster at the summer research poster session. (**Note:** *Students who plan to enroll in courses in this spring/summer semester can only take up to 6 credits*).
- **Continuing year (with the chosen option for the timeline):**
  - **Fall:** Students continue to engage in independent research.
  - **Winter:** Students continue to engage in independent research.
  - **Spring/Summer:** Students continue to engage in independent research.
- Students must give a poster or oral presentation at the WSU Undergraduate Research Symposium (or any other regional or national conference/symposium) in the fall semester following the two years of research as indicated in the timeline above.
- Students are encouraged to complete a thesis requirement through the research experience gained here, to complete a thesis or capstone requirement of their honors major and/or university honors curricula.

### 7.2.2.4 Evaluation

- **Year 1:**

- **Fall:** Students receive a letter grade for UGR 1050 course and are required to pass with a C grade or better.
- **Winter:** Students receive a letter grade for RCN course of choice and are required to pass with a C grade or better.

- **Spring/Summer:** Students receive a letter grade for UGR 1110 course and are required to pass with a C grade or better by completing the following.
  - Participate in the entire research orientation week
  - Participate in 10 weeks of full time research with 40 hours/week commitment
  - Submit an abstract and a research report
  - Present a poster at the summer research poster session
 Students must also submit the "Summary of student's research progress" completed by the student and the mentor by Aug 15.
- **Continuing year:**
  - **Fall:** Students must participate in research with 10 hours/week commitment and submit the "Summary of student's research progress" completed by the student and the mentor by Dec 15.
  - **Winter:** Students must participate in research with 10 hours/week commitment and submit the "Summary of student's research progress" completed by the student and the mentor by Apr 15.
  - **Spring/Summer:** Students conclude summer research by completing the following.
    - Participate in 10 weeks of full time research with 40 hours/week commitment
    - Submit an abstract and a research report
    - Present a poster at the summer research poster session
 Students must also submit the "Summary of student's research progress" completed by the student and the mentor by Aug 15.
- Students' participation in the WSU Undergraduate Research Symposium (or any other regional or national conference/symposium) is also required for the completion of the research experience.

### 7.2.3 Community engagement

Wayne Med-Direct curriculum requires four semesters of community engagement to accomplish the outcomes listed below.

#### 7.2.3.1 Objectives

- To expose students to diverse communities in the city of Detroit and develop awareness and better understanding of the health and educational disparities they experience.
- To develop/enhance the passion and skills needed for caring and commitment in students with the intention of creating physician leaders who would advocate for healthcare needs and better health outcomes of their communities.
- To provide opportunities to students to network with community organizations that are actively addressing health and educational disparities and learn the strategies currently employed to address them.
- To gain knowledge and develop skills in executing a community organization model to identify key issues and address them.

#### 7.2.3.2 Duration, timeline and logistics

- All students must complete four semesters of community engagement to accumulate 200 service hours in total.
- Community engagement requirement can be fulfilled **in any fall, winter, and spring/summer semester**.
- Students can choose four semesters that are most compatible with their plan of work to complete this requirement. **Some** timeline options available are depicted below.
- Students are welcome to count community service hours offered to complete a service learning requirement of a course, towards fulfilling this requirement (ex: HON 3000, PH 4150)

Note:

- 50 reported community service hours must be completed in each applicable semester.
- Engagements with a maximum of three community service partners can constitute the 50 hours in a semester. *Separate proposals and log sheets must be submitted for each engagement.*

Some options	Year 1			Year 2			Year 3			Year 4	
	F	W	S/S	F	W	S/S	F	W	S/S	F	W
1											
2											
3											
4											

#### 7.2.3.3 Components

- **In the chosen semester:**

- Students must complete 50 hours of unpaid voluntary community service. Healthcare related community service is preferred.
- Community service activities must meet the following criteria.
  - *Services rendered must be to provide goods, services, and/or opportunities to improve the quality of life of members of WSU community or communities outside WSU.*
  - *Services must **directly** benefit the community members.*
- Examples of accepted community service activities/hours:
  - W food pantry that provides resources to WSU students to reduce food and other insecurities.
  - Escorting patients at DMC Children’s hospital.
  - Volunteering at a hospice and assisting patients with daily life activities.
  - Mentoring/tutoring kids.
  - Fundraising for purposes that will serve communities directly.
- Examples of activities/hours that cannot be considered community service:
  - Student organization meetings.
  - Fundraisers to cover operational costs of organizations.
- Proposed activity must be approved by the Wayne Med-Direct program indicating that proposed work will meet the criteria for community service.
- Students are introduced to several community organization partners who they can partner with to offer community service, during fall and winter learning community gatherings. However, placements within these organizations cannot be guaranteed all the time. Students can contact community organizations on their own to secure volunteering opportunities.

#### 7.2.3.4 Evaluation

- **In the chosen semester:**
  - Students must submit a “proposal for community service” to indicate the details of service that will be rendered such as the community organization, contact person, and type of work etc. Proposal must be submitted by the following dates in each applicable semester to **get the approval** from Wayne Med-Direct program.
    - For a fall semester-Aug 15 before the semester
    - For a winter semester-Dec 15 before the semester
    - For a S/S semester-Apr 15 before the semester
  - Students report 50 community service hours rendered in one of the following ways.
    - Using the **online portal** ‘noblehour’ (<https://www.noblehour.com>) that allows students to report hours of service and get them approved by contact person of the community organization and the Wayne Med-Direct program.
    - Using the **“community service hours log sheet”** to record hours of service on paper and get them signed by the contact person of the community organization after each volunteering session.

Final count of hours will be taken electronically OR log sheet must be submitted by,

- For a fall semester-Dec 15
  - For a winter semester-Apr 15
  - For a S/S semester-Aug 15
- Students must also submit a reflective report describing the community service experience and answering the following questions.
- What is perceived as the underlying issue that calls for the service rendered and what is perpetuating it?
  - What can be done with the knowledge gained from this experience to promote change?
  - What is your perception about the people who were served? What hardships they confront in a typical day?
  - What are the skills and qualities developed through this experience?

Reflective report must be submitted by,

- For a fall semester-Dec 15
- For a winter semester-Apr 15
- For a S/S semester-Aug 15



### 7.2.4 Clinical experience

Wayne Med-Direct curriculum requires four semesters of clinical experience to accomplish the outcomes listed below.

#### 7.2.4.1 Objectives

- To expose students to role models in medicine who can facilitate professional growth of students and support the transition to medical school via mentorship, guidance, and networking opportunities provided by the mentor.
- To receive guidance from experts in the field of medicine to set career goals and make suitable career decisions.
- To understand the roles of a health care team and observe the physician-patient interaction in different settings.
- To experience attributes of a variety of specialties in medicine.
- To enhance motivation, dedication and enthusiasm in medicine and a career as a physician.

#### 7.2.4.2 Duration, timeline and logistics

- All students must complete four semesters of clinical experience to accumulate 200 shadowing hours in total preferably in four different medical specialties.
- Clinical experience requirement can be fulfilled **only in any semester of the second, third and fourth years** (exclude the first year).
- Students can choose four semesters that are most compatible with their plan of work to complete this requirement. **Some** timeline options available are depicted below.

Note:

- 50 reported shadowing hours must be completed in each applicable semester.
- Shadowing a maximum of 2 physicians can constitute the 50 hours in a semester. *Separate proposals and log sheets must be submitted for each shadowing experience.*

Some options	Year 1			Year 2			Year 3			Year 4		
	F	W	S/S	F	W	S/S	F	W	S/S	F	W	
1												
2												
3												
4												

### 4.3 Components

- **In the chosen semester:**
  - Students complete 50 hours of shadowing in any medical specialty.
  - Students are introduced to clinicians who they can potentially shadow. However, an opportunity to shadow cannot be guaranteed all the time. Students can contact clinicians on their own to secure shadowing opportunities.

- Some occupations/activities that require special certifications/training and a significant level professional competency can also fulfill this requirement. Examples for such occupations/activities are:
  - Emergency Medical Technician
  - Physical Therapy Assistant
  - Occupational Therapy Assistant
  - Medical Assistant
  - Phlebotomist
  - Certified Nurse Assistant
  - Dental Assistant
  - Physician Scribe

#### 7.2.4.4 Evaluation

- **In the chosen semester:**
  - Students must submit the “proposal for clinical experience” to indicate the details of shadowing such as the name of the clinician, location, and specialty etc. Proposal must be submitted by the following dates to get the approval from Wayne Med-Direct program indicating that proposed clinical experience will fulfill the requirements if completed.
    - For a fall semester-Aug 15 before the semester
    - For a winter semester-Dec 15 before the semester
    - For a S/S semester-Apr 15 before the semester
  - Students report 50 shadowing hours using the “shadowing hours log sheet” to record hours of shadowing on paper and get them signed by the clinician after each shadowing session. Log sheet is submitted by,
    - For a fall semester-Dec 15
    - For a winter semester-Apr 15
    - For a S/S semester-Aug 15
  - Students also submit a reflective report describing the clinical experience and answering the following questions.
    - What were your impressions about the observed specialty and the clinicians who practice it? Were you able to clarify and validate them?
    - What hardships do clinicians in the specialty observed confront in a typical day?
    - What did you learn from this experience?
    - How did this experience improve the articulation of your career goals?
 Reflective report must be submitted by,
    - For a fall semester-Dec 15
    - For a winter semester-Apr 15
    - For a S/S semester-Aug 15

### 7.2.5 Professional development program

Wayne Med-Direct curriculum has established the following professional development components with the intention of preparing students for the professional rigor of the medical school and shape them to become future leaders in medicine by providing guidance, knowledge, and opportunities.

1. Learning community
2. Study abroad experience
3. Transition to medical school
4. Opportunities for graduate studies

#### 7.2.5.1 Learning community

##### 7.2.5.1.1 Objectives

- To develop skills essential for leadership and administrative roles in medicine guided by role models and mentor encouragement.
- To develop a sense of community between students who follow different academic curricula but share a common career goal.
- To build a cohort committed to excellence set by high standards and expectations.
- To provide academic and non-academic support to students by students.
- To provide a platform to share students' experiences.
- To facilitate the growth of students' professional network.

##### 7.2.5.1.2 Duration, timeline and logistics

- All Wayne Med-Direct students must participate in the learning community in fall and winter semesters of all four years of their undergraduate term (exclude all spring/summer semesters).
- Learning community meets once week for an hour in a predetermined location.

Year 1			Year 2			Year 3			Year 4	
F	W	S/S	F	W	S/S	F	W	S/S	F	W

##### 7.2.5.1.3 Components

- **Peer Mentors:** Upper class students (years 2, 3, and 4) will contribute as peer mentors and support incoming students and lower class students in the transition to college life. Peer mentors are appointed for each academic year after calling for applications and will be paid with an hourly rate.
- **Weekly meetings:** (13 meetings in a semester)
  - **Seminars:** Seminars are focused specifically on leadership training, professional development, and academic and career success. Seminars are facilitated by invited speakers who are leaders in academia, research, clinical practice and health organizations affiliated to WSU and/or other institutions. (3-4 seminars in a semester)

- **Student presentations:** Students have the opportunity to present their research to fellow students providing the opportunity to develop presentation skills while other students get the opportunity to appreciate the interconnectivity of science, ask questions and challenge each other’s critical thinking, and provide constructive criticism on their colleagues’ work.
- **Discussions:** Students discuss scholarly publications to understand the research study and critically appraise it.
- **Other meetings:** Students are introduced to community service partners and clinical skills.

**7.2.5.1.4 Evaluation**

- 80% attendance in each semester is required to fulfill this requirement.

**7.2.5.2 Study abroad experience**

**7.2.5.2.1 Objectives**

- To develop a better understanding of health disparities in a global perspective and develop sensitivity to concerns of underrepresented populations in other parts of the world.
- To develop skills, knowledge, and academic and professional abilities applicable for use in regional and global context.
- To develop open-mindedness to appreciate and respect differences in cultures.
- To develop critical thinking in the areas of cultural analysis and intercultural understanding.

**7.2.5.2.2 Duration, timeline and logistics**

- Year 3 Wayne Med-Direct students must participate in the study abroad experience in Nanjing Medical University in China for 4 weeks in the spring/summer semester before their year 4, fully funded by the Wayne Med-Direct program. (**Note:** *Students who plan to enroll in courses in this spring/summer semester can only take online courses*).

Year 1			Year 2			Year 3			Year 4	
F	W	S/S	F	W	S/S	F	W	S/S	F	W

**7.2.5.2.3 Components**

- Students participate in the study abroad experience with the focus on learning health disparities in a global perspective.
- Students may complete a general education requirement pertaining to Bachelor’s degree completion by studying a foreign culture.

**7.2.5.2.4 Evaluation**

- Participation in the study abroad is required to fulfill this requirement.

- Students must submit a reflective report by Aug 15 after the trip.

### 7.2.5.3 Transition to medical school

#### 7.2.5.3.1 Objectives

Wayne Med-Direct program navigates students in the transition to medical school by,

- Ensuring fulfillment of all academic requirements including requirements for Bachelor’s degree completion in the student’s chosen major of study and requirements of the pre-medicine curriculum and university honors curriculum (if applicable).
- Ensuring fulfillment of all requirements of the Wayne Med-Direct curriculum.
- Assisting students in identifying career interests and goals and assessing progress towards achieving those goals.
- Assisting students in preparation for MCAT exam and submitting applications to the medical school.

#### 7.2.5.3.2 Duration, timeline and logistics

Year 1			Year 2			Year 3			Year 4	
F	W	S/S	F	W	S/S	F	W	S/S	F	W

\*Timeline only denotes MCAT preparation and applying to medical school.

#### 7.2.5.3.3 Components

- Students are frequently advised and monitored to evaluate their progress towards completing all academic requirements towards degree completion (refer to the “Academic Planning” chapter for details).
- Students submit the “Action Plan” and the “Checklist for yearly progress” prior to and after every academic year to indicate their goals and progress in completing Wayne Med-Direct curricular requirements.
- Students submit the “Individual Development Plan” after every academic year to indicate their career interests and goals and how participation in academics and Wayne Med-Direct curriculum has impacted, altered and furthered those interests and goals.
- **Preparation for MCAT exam:** Students receive support to prepare for the MCAT exam as follows.
  - **Spring/summer (year 2):** Students complete a series of weekly assignments containing MCAT practice questions to evaluate their current knowledge and test taking skills and identify gaps in knowledge and weaknesses. Students also identify strategies to remedy them and receive assistance in creating a study schedule.
  - **Fall (year 3):** Students participate in a commercially available MCAT preparation course fully funded by the Wayne Med-Direct program. Preparation course includes weekly in-person classes, complete package of preparation material, practice tests and online tools.

- **Winter (year 3):** Students make their first attempt at the MCAT exam and may retake if the score is insufficient. Cost of up to two attempts at the MCAT exam are covered by the Wayne Med-Direct program.
- **Medical school application (winter and spring/summer-year 3 and fall-year 4):** Students receive support from the Pre-Med and Health Science Center and School of Medicine Admissions Office to submit the medical school application.

#### 7.2.5.3.4 Evaluation

- Students must submit the “Action Plan” for the upcoming year by Aug 15 and the “Checklist for yearly progress” for the past year by Aug 15 (by Apr 30 in year 4) every year.
- Students must submit the “Individual Development Plan” by Aug 15 every year (by Apr 30 in year 4).
- Students must complete 15 weekly MCAT preparations assignments on time.
- Students must participate in the MCAT preparation course. 90% class attendance and completion of all assignments is required.
- Students must make one attempt in the MCAT exam.
- Students must successfully submit the application to the School of Medicine.

#### 7.2.5.4 Opportunities for graduate studies

Wayne Med-Direct program encourages students to consider seizing opportunities available at WSU to pursue graduate studies to add academic credentials to their names or to take graduate level course work with the intention of pursuing graduate studies in the future. Because the undergraduate term in the Wayne Med-Direct program is four years and students matriculate to School of Medicine seamlessly after graduating with a Bachelor’s degree, graduate studies need to be integrated within the undergraduate term as described below.

##### 7.2.5.4.1 Objectives

- To expose students to the next level of academic rigor in graduate classes which trains them how to overcome challenges and makes them more competent.
- To develop scrupulous organization and time management skills.
- To expose students to new disciplines of study, allowing them to expand their knowledge and develop integrative thinking skills, and opening up a myriad of career options in the field of medicine for them to pursue.

##### 7.2.5.4.2 Duration, timeline and logistics

- Students may consider pursuing graduate studies by making an informed decision following these guidelines.
- Students shall make a decision to pursue graduate studies in the spring/summer semester of year 1 and start taking graduate level course work in year 3 as applicable.
- Additional degrees may be funded by the Wayne Med-Direct program provided that funding is available as determined by the program.

Year 1	Year 2	Year 3	Year 4
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F	W	S/S	F	W	S/S	F	W	S/S	F	W

#### 7.2.5.4.3 Components

- **In the spring/summer semester of year 1:**
  - Students who are in a better position to pursue graduate studies are the students who enter with a significant amount of college credit earned in high school transferred towards the Bachelor's degree. However, with meticulous planning any student can pursue graduate studies.
  - Students shall first meet with the Wayne Med-Direct program coordinator to discuss their career goals and explore graduate studies opportunities available to them. They shall then speak with their academic advisors to determine the feasibility of applying the 'senior rule' and taking graduate coursework while completing Bachelor's degree requirement and then discuss a suitable timeline for it. Students shall also meet with respective graduate advisors if they plan to complete a graduate degree in an accelerated timeline to know the degree requirements and feasibility of meeting them in a timely manner.
  - Once an informed decision is made to pursue graduate studies, students must submit the following to Wayne Med-Direct program by Aug 15 to affirm that completion of both Bachelor's and graduate degrees within four years is feasible.
    - A proposal outlining their career goals, intentions of pursuing graduate studies and the benefits gained by pursuing the proposed graduate studies.
    - A complete 'Plan of Work' for the remaining semesters in the program including, all coursework in all curricula required for Bachelor's degree completion and graduate coursework required for the program of interest.
  - Wayne Med-Direct program will review and approve proposals and notify the decision to fund graduate studies to the students by Sep 1.
  - Graduate degree programs that are currently available to pursue are:
    - Master's in Business Administration (MBA)
    - Master's in Public Health (MPH)-through the Public Health AGRADE program
    - Master's in Biomedical Engineering (MS-BME)-through Biomedical Physics AGRADE program
    - MD/PhD (pursued after the undergraduate term, not concurrently)

#### 7.2.5.4.4 Evaluation

- Successful completion of both Bachelor's and graduate degree program is expected.

### 7.2.6 Sample timeline and required forms

Component	Pre-college	Year 1			Year 2			Year 3			Year 4	
	S/S	F	W	S/S	F	W	S/S	F	W	S/S	F	W
Pre-freshman summer												
Research												
Community engagement												
Clinical experience												
Learning Community												
Study abroad												
Transition to medical school												
Graduate studies (if applicable)												