



UMBC

DEPARTMENT OF EMERGENCY
AND DISASTER HEALTH SYSTEMS

Paramedicine

Paramedic

Four-Year Academic Pathway
with Pre-PA and Pre-AT options
for Towson University

Pre-Paramedic (62–74 credits)

Student: _____

Campus ID: _____

Year 1	Fall					Spring				
	Course	Identifier	Credits	Grade	Program	Course	Identifier	Credits	Grade	Program
	Medical Terminology	EDHS 115	3		● ● ● ● ●	EMT II (EDHS 203) or Student choice		3		● ● ● ● ●
	Introduction to EDHS (SS)	EDHS 200	3		● ● ● ● ●	English Composition	ENGL 100	3		● ● ● ● ●
	EMT I (EDHS 202) or Student choice if EMT		3		● ● ● ● ●	Chemi 120 or 101 and 102 (S)	CHEM	4		● ● ● ● ●
	Intro. Biology (BIOL 101 or 141)	BIOL	3–4		● ● ● ● ●	Chemistry Lab 124L or 102L	CHEM	2		● ● ● ● ●
	Select one option: GEP and BIOL 101L or LANG 101 or GEP (AH)					Introduction to Psychology (SS)	PSYC 100	4		● ● ● ● ●
	GEP (AH)		3		● ● ● ● ●	Total				16
	Concepts of Biology Lab	BIOL 101L	2		● ● ● ● ●	Additional Course Work				Semester
	Lang 101		4		● ● ● ● ●					
Total					15–18					
Benchmark Requirements: EDHS 115; EDHS 200; BIOL 101 or 141; CHEM 120 + Lab or CHEM 101–102 + Lab; PSYC 100 University Requirements ENGL 100 (or equivalent) and a credit-bearing math course to be completed within the first year of academic study.										

Year 2	Fall					Spring				
	Course	Identifier	Credits	Grade	Program	Course	Identifier	Credits	Grade	Program
	Human Anatomy and Physiology I	BIOL 251	3		● ● ● ● ●	Human Anatomy and Physiology II	BIOL 252	3		● ● ● ● ●
	Human Anatomy and Physiology I Lab	BIOL 251L	1		● ● ● ● ●	Human Anatomy and Physiology II Lab	BIOL 252L	1		● ● ● ● ●
	Cultural Diversity in Healthcare (C)	EDHS 340	3		● ● ● ● ●	Mathematics STAT 121 or 350	STAT	4		● ● ● ● ●
	Abnormal Psychology (SS)	PSYC 285	3		● ● ● ● ●	GEP (AH)		3		● ● ● ● ●
	GEP (AH)		3		● ● ● ● ●	LANG 201		4		● ● ● ● ●
	Student choice if not Pre-PA or AT		3		● ● ● ● ●					
	Total				16	Total				15
	Additional Course Work as Needed					Additional Course Work as Needed				
	LANG 102 or 103		4		● ● ● ● ●	Basic Physics I	PHYS 111	4		● ● ● ● ●
	Nutrition and Health	BIOL 233	3		● ● ● ● ●	Microbiology for Allied Health	BIOL 273	3		● ● ● ● ●
						Microbiology for Allied Health Lab	BIOL 273L	2		● ● ● ● ●
Benchmark Requirements: BIOL 251–252 + Labs; PSYC 285; STAT 121 or 350; EMT Certification; Completion of Paramedic Application Process										

Paramedic Program (61 credits)

Year 3	Fall					Spring				
	Course	Identifier	Credits	Grade	Program	Course	Identifier	Credits	Grade	Program
	Applied Pharmacology	EDHS 460	3		● ● ● ● ●	Managing Emergencies and Crises (WI)	EDHS 301	3		● ● ● ● ●
	Introduction to Paramedic Practice	EDHS 461	3		● ● ● ● ●	Adv Cardiac & Respiratory Emergencies	EDHS 464	3		● ● ● ● ●
	Fundamentals of Patient Management	EDHS 462	3		● ● ● ● ●	Medical Emergencies I	EDHS 465	3		● ● ● ● ●
	Basics of Cardiology	EDHS 463	3		● ● ● ● ●	Medical Emergencies II	EDHS 466	3		● ● ● ● ●
	ALS Field & Clinical Experience I	EDHS 481	3		● ● ● ● ●	ALS Field & Clinical Experience II	EDHS 482	4		● ● ● ● ●
Total				15	Total				16	

Year 4	Fall					Spring				
	Course	Identifier	Credits	Grade	Program	Course	Identifier	Credits	Grade	Program
	Public Health Emergency Preparedness	EDHS 423	3			Financial and Personnel Management	EDHS 351	3		
	EDHS Epi. & Health Research Methods	EDHS 430	3			EMS Capstone Experience	EDHS 468	3		
	Introduction To Trauma Emergencies	EDHS 467	3			Emergency Response to Crisis	EDHS 470	3		
	ALS Field & Clinical Experience III	EDHS 483	6			ALS Field & Clinical Experience IV	EDHS 484	6		
	Total		15							

Pick 1: Functional Anatomy (KNES 217) or Biomechanics (KNES 361)
and Exercise Physiology (KNES 361)

● University requirement
● Paramedic-specific

● Towson Pre-PA
● Towson Pre-AT



Program Number: 600075

TERMINAL COMPETENCY AND CERTIFICATION ELIGIBILITY VERIFICATION

Student:

Campus ID:

Cohort started with:

Cohort ended with:

Program Completion Date:

INSTRUCTIONS FOR TERMINAL COMPETENCY AND CERTIFICATION ELIGIBILITY VERIFICATION

This section documents the student's completion of the terminal competencies required for successful completion of the UMBC Paramedic Program. While this form is initiated at program entry and maintained throughout the student's progression, this section may only be finalized once the student has completed all applicable university degree requirements, paramedic concentration requirements, didactic coursework, laboratory competencies, clinical and field requirements, affective evaluations, and capstone requirements under the student's catalog year.

Completion of the clinical paramedic course sequence alone **does not** establish eligibility for the National Registry Paramedic examination. Because the UMBC Paramedic Program is embedded within a baccalaureate degree pathway, certification eligibility is granted only after the student has completed the full academic and professional preparation required by the university and the paramedic concentration. This broader preparation reflects the program's expectation that graduates are prepared not only for entry-level paramedic practice, but also for the broader academic, clinical, leadership, and professional responsibilities associated with baccalaureate-level EMS education.

Final signature by the Program Director and Medical Director verifies that the student has completed the program as a minimally competent, entry-level Paramedic and is eligible for State and National certification examination in accordance with published program policies and procedures.

Done	Requirement Area			Grade	Requirement for Completion	Verification Source
	Academic and Program Completion				Degree, concentration, and catalog-year requirements completed.	Academic pathway/progression record
	SMC Matrix				All program-established SMC minimums met.	Completed SMC Matrix
	Skill Competencies				All required psychomotor skills completed.	Skill competency records
	Clinical Experience				Clinical requirements and evaluations completed.	Clinical tracking records
	Field Experience				Field requirements and evaluations completed.	Field tracking records
	Capstone Field Internship				Capstone requirements completed with team leader progression documented.	Capstone tracking & preceptor evaluations
	Capstone Team Leads				Required successful team leads completed in actual patient care.	Capstone tracking records
	Affective Domain				Required affective evaluations completed with satisfactory outcome.	Affective evaluation records
	Faculty Affective Review				Final faculty affective review completed with no unresolved concerns.	Final affective evaluation
	Required Card Courses				Required certification courses completed.	OSPE record
	OSPE / Cognitive Evaluation				Required OSPE cognitive evaluation completed successfully.	Oral board record
	Physician / Faculty Oral Boards				Oral boards completed successfully.	ITLS, ACLS, and PALS documentation
	Terminal Examinations				Cognitive, psychomotor, and affective terminal exams completed successfully.	Terminal exam records
	Exams	1	2	3	Outcome	
	Oral Boards					
	Adult Medical					
	Ped Trauma					

We hereby attest that the candidate listed below successfully completed all of the Terminal Competencies required for graduation from the Paramedic Education program as a minimally competent, entry-level, Paramedic and as such is eligible for State and National Certification written examination in accordance with our published policies and procedures.

Excpetions and Waivers

Position	Name	Date	Signature
Clinical Coordinator			
Program Director			
Medical Director			