

Associate of Science

Paramedic Science

Paramedics provide emergency patient care in the pre-hospital setting. They determine the nature and extent of victims' emergencies, immobilize fractures, supply intravenous therapy, and provide other life-saving interventions for the victims of acute illness or injury.

SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
INDIANA UNIVERSITY SYSTEM COURSE EQUIVALENTS

ASSOCIATE OF SCIENCE IN PARAMEDIC SCIENCE PREREQUISITES

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed below.

COURSES	IUB	IUPUI	IUPUC	IUE	IPFW	IUK	IUN	IUSB	IUS
Written Communication	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131
	NOTE: Other courses may exist on a campus by campus basis, check specific campus bulletins for other equivalents to ENG-W 131.								
Verbal Communication	CMCL-C 122 or 121	COMM-C 180 or R 110	COMM-C 180 or R 110	CMCL-C 122 or SPCH-S 121	COM 212 or 114	SPCH-S 122 or S 121	SPCH-S 122 or S 121	SPCH-S 122 or S 121	SPCH-S 122 or S 121
	NOTE: Paramedic Science Program prefers that students take interpersonal communication if possible.								
Psychology	PSY-P 101	PSY-B 104 or B 105	PSY-B 104 or B 105	PSY-P 103	PSY 120	PSY-P 103	PSY-P 101	PSY-P 103	PSY-P 101
Sociology	SOC-S 100	SOC-R 100	SOC-R 100	SOC-S 100	SOC-S 161	SOC-S 100	SOC-S 161	SOC-S 161	SOC-S 163
Mathematics	MATH-M 014 or higher	MATH 11000 or higher	MATH 11100 or higher	MATH-M 117 or higher	MA 113 or higher	MATH-M 117 or higher	MATH-M 014 or higher	MATH-M 107 or higher	MATH-M 117 or higher
Human Anatomy & Human Physiology	ANAT-A 215 & PHSL-P 215 or P431	BIOL-N 261 & N 217 OR BIOL-N 212/213 & 214/215	BIOL-N 261 & N 217 OR BIOL-N 212/213 & 214/215	ANAT-A 215 & PHSL-P 215 OR PHSL-P 261 & 262	BIOL 215 & 216 OR BIOL 203 & 204	ANAT-A 215 & PHSL-P 215	PHSL-P 261 & 262 OR 431	PHSL_P 261 & 262	ANAT-A 215 & PHSL-P 215

- **Students must be Indiana or Nationally Certified as an Emergency Medical Technician-Basic**
- **Students must also have 20 documented hours of *patient contact* in an ambulance as an EMT-B**

SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
OTHER INDIANA COLLEGE/UNIVERSITY COURSE EQUIVALENTS

ASSOCIATE OF SCIENCE IN PARAMEDIC SCIENCE PREREQUISITES

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above.

Courses	Ball State University	Butler University	Indiana State University	Ivy Tech Indpls	Marian College	Purdue – Calumet	Purdue – West Lafayette	University of Indpls	University of Southern Indiana	Vincennes University
Written Communication	ENG 103	EN 102	ENG 105 or 107	ENG 111	ENG 101	ENGL 104	ENG 106	ENG 101	ENG 101	ENGL 101
Verbal Communication	COMM 210 or 240	COMM 102	COMM 101 or 202	COM 101 or 102	COM 101	COM 114 or 214	COM 114 or 212	COMM 100	CMST 101 or 107	SPCH 143 or 148
Psychology	PSYCH 100	PS 101	PSY 101	PSY 101	PSY 101	PSY 120	PSY 120	PSY 120	PSY 201	PSYC 141 or 142
Sociology	SOC 100	SO 101	SOC 100	SOC 111	SOC 101	SOC 100	SOC 100	SOC 101	SOC 121	SOCL 151
Math	MATH 108 or higher	MA 101 or higher	MATH 111 or higher	MAT 111 or higher	MAT 105 or higher	MA 115 or higher	MA 111 or higher	MATH 105 or higher	MATH 100 or higher	MATH 101 or higher
Anatomy & Physiology	ANAT 201 & PHSL 210 & 211	BI 257 & PX 315	LIFE 231 w/ lab & LIFE 241 w/ lab	ANP 101 & 102 & 201	BIO 223 & 224	BIOL 213 & 214	BIOL 203 & 204 or 301 & 302	BIOL 103 & 104	BIOL 121 & 122	LFSC/LFSL 211 & 212

➤ **Students must be Indiana or Nationally Certified as an Emergency Medical Technician-Basic**

➤ **Students must also have 20 documented hours of *patient contact* in an ambulance as an EMT-B**

INDIANA UNIVERSITY SCHOOL OF MEDICINE ASSOCIATE OF SCIENCE IN PARAMEDIC SCIENCE

The following is a suggested one-year plan for completing the prerequisites. Please check with your advisor to be sure all admission requirements are being met.

FALL/SPRING	SPRING/FALL	Summer (If Necessary)
EMT I and II 6 cr.*	Human Anatomy or Human Biology with lab 4-5 cr.	Sociology* 3 cr.
Human Anatomy or Human Biology with lab 4-5 cr.	Public Speaking or Interpersonal Communication 3 cr.	Total* 3 cr.
<u>English Composition</u> 3 cr.	Intermediate Algebra 4 cr.	* See bulletin or speak with advisor for alternative plans if EMT-Basic Certification is already completed.
Total 13-14 cr.	<u>Psychology</u> 3 cr.	
	Total 14-15 cr.	

To Become an Emergency Medical Technician

Take 2 courses through Indiana University (#**EMER-E 201** Emergency Med Tech - Basic I; and **EMER-E 202** Emergency Med Tech - Basic II) (*EMER-E 201 and 202 may be taken sequentially Fall/Spring or concurrently*) and pass the EMT credentialing exam **or** Complete an EMT course through one of the many local hospitals or township fire departments and pass the EMT credentialing exam.

Prerequisite for EMER-E 201/202 is Health Care Provider CPR certification (AHA or Red Cross)

A Brief Summary of School and Program Admission Requirements

For a complete list, see the school section of the IUPUI Bulletin. Completion of requirements does not guarantee admission into the program. Competitive grade point averages are generally higher than the stated minimums.

- ✓ Credit hours needed prior to entrance24-26 credits
- ✓ Minimum Grade Point Averaged needed2.30 CUMULATIVE
- ✓ Minimum grade needed in prerequisitesC (2.00)
- ✓ Interview required.....Yes
- ✓ Application deadline.....February 1st for Fall Semester Entry
.....October 1st for Spring Semester Entry
- ✓ Must be Indiana or Nationally certified as an Emergency Medical Technician - Basic
- ✓ Must have 20 documented hours of patient contact in an ambulance. Obtain documentation sheets from the program office

➔ For advising assistance, please contact Health Professions Programs Office at (317) 278-4752, Medical Science Room 158, or askhpp@iupui.edu. For more information, please contact Program Director Leon Bell at (317) 630-7614 or lbell1@iupui.edu. You can also visit us on the web at <http://medicine.iu.edu/hpp/>

**THIS SHEET IS FOR ADVISING PURPOSES ONLY. PLEASE REFER TO SCHOOL
OF MEDICINE HEALTH PROFESSIONS PROGRAMS SECTION OF
THE IUPUI BULLETIN FOR ALL PROGRAM REQUIREMENTS.**

Program Admission Information Sheet – 2009

Program: PARAMEDIC SCIENCE, A.S.

Revised 03/09

<p>Application Deadline:</p>	<p>February 1st – Fall Semester Entry October 1st – Spring Semester Entry</p>
<p>Admission Criteria: Factors used in determining the rank order that are not part of the published criteria that might have academic advising implications. (e.g., weighted components, nature of electives, residency preference, etc.)</p>	<p>Overall GPA - 51% Interview - 35% EMT Experience - 10% Committee recommendation for admission - 2% Indiana Resident - 1% IU Student - 1%</p>
<p>Component GPA (if used): Explain what is included (excluded). Please be specific.</p>	<p>No component GPA Remedial courses are not utilized in calculating the overall grade point average</p>
<p>Interview When is the interview conducted? How long is the interview? How many interviewers? What is the make-up of the interview team? Briefly describe the interview. What suggestions do you have to help applicants prepare? Date by which an applicant should contact the program if he/she has not heard from the program about an interview date or that he/she is not qualified. Date by which admission decisions are made (hopefully).</p>	<p>Early to mid November/February Approximately 30 minutes Usually 2 - 4 interviewers The interview team is composed of the Program Director and various Program faculty members. Students will be asked general questions about their goals and career intentions. They will then be asked to respond to hypothetical scenarios that may not have right answers. Students are asked to make decisions then justify their responses. Students should have heard from the Program by mid of November/January Decisions should be made by the end of November/February.</p>

Program Fact Sheet – 2009

Program: **PARAMEDIC SCIENCE, A.S.**

Revised 03/09

<p>Professional Curriculum: Describe the nature of the professional program.</p> <p>How intense is it? Are there any unique characteristics or demands?</p>	<p>Before beginning the fall professional program, a student must attend two orientation sessions, one in May and one in August or for December for spring semester. There is also the opportunity to enroll in EMER-E 299 for 1-4 credits before beginning the professional program that gives the student the opportunity to ride a Wishard ambulance as an EMT for apx12 hrs/wk.</p> <p>The professional program is intense, requiring 36-40 hrs/wk of classroom and/or clinical time commitment. Study time must be allowed for beyond the program hours. Some clinicals require weekend & evening rotations. Students will be on the ambulance a minimum of 480 hours over four semesters/summer sessions. Ambulance rotations may be in various sites in central Indiana. Students must complete all of the professional course work within 24 months after beginning the professional program.</p>
<p>Credentials: What is the credential required to practice?</p> <p>Are there specialty credentials?</p> <p>What is the procedure for obtaining the necessary credentials?</p>	<p>National Registry as Emergency Medical Technician-Paramedic.</p> <p>PHTLS, ACLS, PALS, PEPP</p> <p>The student must successfully complete a written and practical skills exam after the completion of the program. The exams are offered throughout the year at various sites throughout the state and nation.</p>
<p>Competitiveness: How competitive is admission to the program?</p> <p>What changes do you foresee in the next year? Two years?</p>	<p>The program continues to be competitive, having almost twice as many applicants as we have student places available.</p> <p>The EMS department offers EMT classes with both a 1-semester and 2-semester option. The 1 semester option is available in the fall or spring semester.</p>
<p>Placement Statistics: In Indiana?</p> <p>Outside Indiana?</p>	<p>100% of the program's 2008 graduating class who actively sought employment were placed in EMT-Paramedic positions. There continues to be general Paramedic shortage statewide especially in the rural areas.</p>
<p>Salary Range: Overall Averages?</p>	<p><i>2008 JEMS Paramedic Salary & Workplace Survey</i> Nation Average EMT-Paramedic (Median) \$37,700 Region IV (Includes IN) (Median) \$33,870</p> <p>Source: http://www.jems.com/Images/SalarySurvey08_tcm16-165972.pdf</p>