

## **HEALTH SCIENCES**

All students interested in allied health, veterinary science, medical research, and biomedical engineering are encouraged to take the first level of the Biomedical Sciences. Juniors who seek the opportunity to directly interact with patients then take the Health Sciences program, while those who wish to continue to explore options in medical science, technology, and research continue in the Biomedical Sciences program.

### **MEDICAL TERMINOLOGY 5274M**

This course prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings taught within the context of body systems. The course builds skills in pronouncing, spelling, and defining new words encountered in verbal or written information. Dual credit with post-secondary education is available. \*Academic Honors available.

- **Recommended Grade Level: 10 - 12**
- **Recommended Prerequisites: None**
- **Credits: 1 credit per semester; 2 semesters**
- **Course is aligned with postsecondary Dual Credit**

### **HEALTH SCIENCES I 5282M**

This course is designed to help the student gain an understanding of the health field, career options, wellness, and disease concepts through the use of project based learning. This course is highly recommended for any student who thinks he/she is interested in a Health Career or a Biomedical profession. The curriculum includes CPR-First Aid certification.

- **Recommended Grade Level: 11**
- **Recommended Prerequisites: Biology I AND Algebra I OR Teacher Permission**
- **Credits: 2-Block course; 2 semesters; 4 total credits**
- **Course is aligned with postsecondary Dual Credit**

## HEALTH SCIENCES II

## 5284M

This Curriculum focuses on learning and practicing patient care skills. Students spend 1<sup>st</sup> semester in classroom and in class lab preparing for a 10 week clinical experiences during second semester. Clinical experience for allied health students will include job shadowing in a variety of health care professions and may include veterinary health. Students pursuing certified nursing assistant certification spend clinical in an area nursing home. Both clinical programs are dependent on availability of local facilities. In addition, students will continue to explore the changing face of health care, available careers, medical language and postsecondary programs. Learning will be enhanced by guest speakers and hands –on in-class labs. Requirements for clinical participation include completion of a 2 step TB test, physical exam, criminal background check, up-to-date immunizations including flu vaccine, and a passing grade for 1<sup>st</sup> semester of a C or better. Students must have reliable transportation for 2<sup>nd</sup> semester clinical.

- **Recommended Grade Level: 12**
- **Recommended Prerequisites: Successful completion of Health Sciences I or Teacher/Counselor recommendation, completion or concurrent enrollment in Anatomy & Physiology**
- **Credits: 3-Block course; 2 semesters; 6 total credits**
- **Students may earn Indiana Nursing Assistant Certification through this course**
- **Course is aligned with postsecondary Dual Credit**

