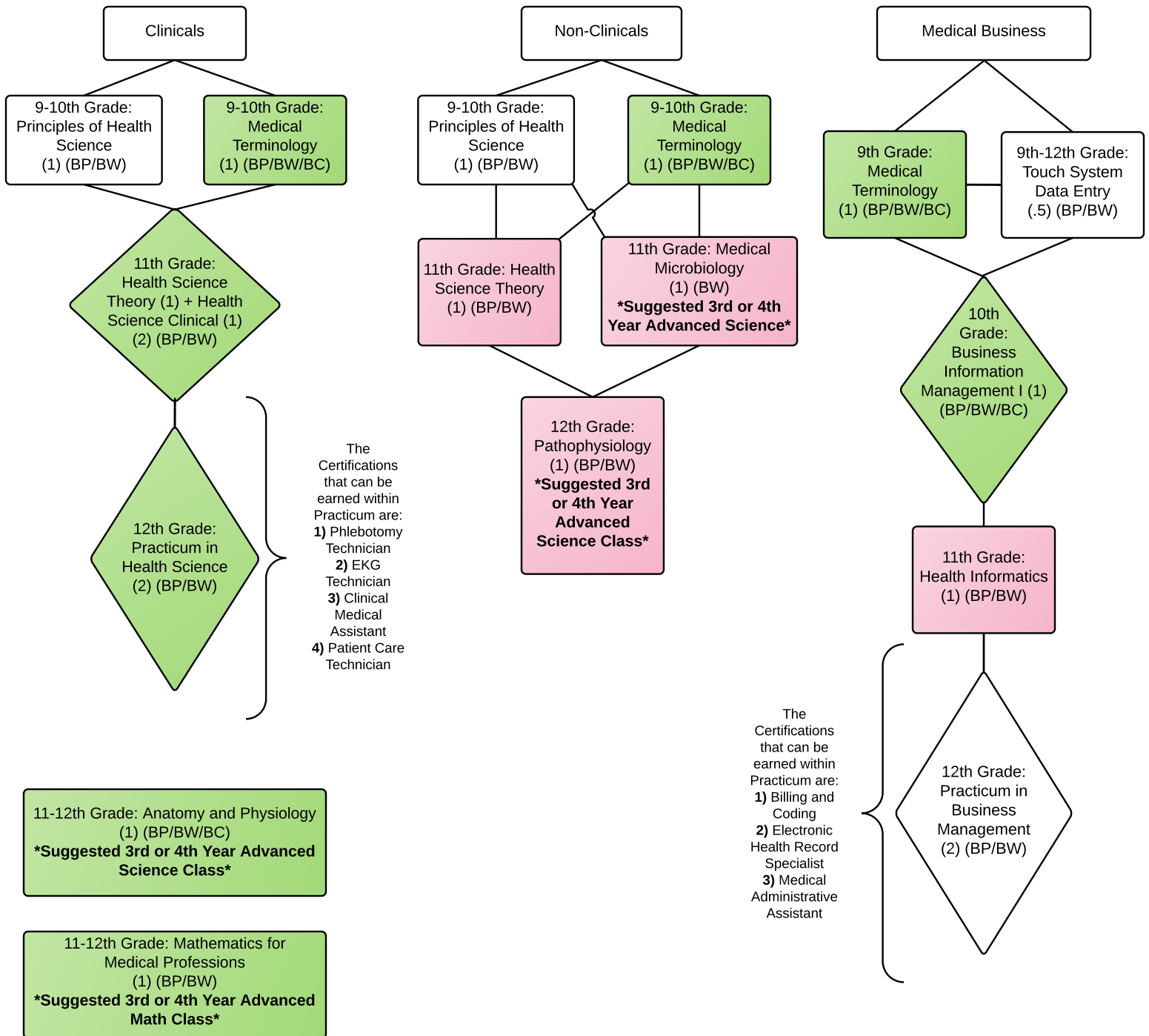


# Health Science

The Health Science and Medical Terminology industry sector focused on careers in planning, managing, and providing health care and research related services continues to be one of the fastest-growing occupational fields. The pathways and careers offer options to match a variety of the aptitudes, interests, abilities and academic achievement of students. Most positions require certification and/or licensing. The career pathways are grouped in functions that have a common purpose and similar attributes.



# Public Service Endorsement

## Health Science Career Cluster

### Health Science Non-Clinical Pathway

9th Grade: Medical Terminology or Principles of Health Science  
1 Credit each

10th Grade: Medical Terminology or Principles of Health Science  
1 Credit each

11th Grade: Health Science Theory or Medical Microbiology  
1 Credit each

\*Medical Microbiology - suggested 3rd or 4th year Advanced Science Credit\*

12th Grade: Pathophysiology  
1 Credit

\*Suggested 3rd or 4th year Advanced Science Credit\*

11th-12th Grade:  
Anatomy and  
Physiology  
1 Credit

\*Suggested 3rd or 4th  
year Advanced  
Science Credit\*

11th-12th Grade:  
Mathematics for  
Medical Professions  
1 Credit

\*Suggested 3rd or 4th  
year Advanced Math  
Credit\*

# Public Service Endorsement

## Health Science Career Cluster

### Health Science Clinical Pathway

9th Grade: Medical Terminology or Principles of Health Science  
1 Credit each

10th Grade: Medical Terminology or Principles of Health Science  
1 Credit each

11th Grade: Health Science Theory + Clinical  
2 Credits \*CPR Certification

12th Grade: Practicum in Health Science  
2 Credits

\*Certifications: 1) Phlebotomy Technician, 2) EKG Technician,  
3) Clinical Medical Assistant, or 4) Patient Care Technician

11th-12th Grade:  
Anatomy and  
Physiology  
1 Credit

\*Suggested 3rd or 4th  
year Advanced  
Science Credit\*

11th-12th Grade:  
Mathematics for  
Medical Professions  
1 Credit

\*Suggested 3rd or 4th  
year Advanced Math  
Credit\*

# Public Service Endorsement

## Health Science Career Cluster

### Medical Business Pathway

9th Grade: Medical Terminology & Touch System Data  
1 Credit & .5 Credit

10th Grade: Business Information Management  
1 Credit \*OPAC/Microsoft Certifications

11th Grade: Health Informatics  
1 Credit

12th Grade: Practicum in Business Management  
2 Credits

\*Certifications: 1) Billing and Coding, 2) Electronic Health Record Specialist, or 3)  
Medical Administrative Assistant

11th-12th Grade:  
Anatomy and  
Physiology  
1 Credit  
\*Suggested 3rd or 4th  
year Advanced  
Science Credit\*

11th-12th Grade:  
Mathematics for  
Medical Professions  
1 Credit  
\*Suggested 3rd or 4th  
year Advanced Math  
Credit\*