



MEDICINE MERIT BADGE WORK SHEET (BYU/UVU PowWow)

Scout's Name

Instructor's Name

Scout's Address

City

State

ZIP

Instructions

- 1) The Scout is to review the merit badge book before the first week of PowWow.
- 2) Bring this work sheet, paper, and pencil or pen each week.

Requirement Instructions*

- 1) Requirement 1 will be passed off during the two sessions of PowWow.
- 2) Requirement 2 will be passed off during the two sessions of PowWow.
- 3) Requirement 3 will be passed off during the two sessions of PowWow.
- 4) Requirement 4 will be passed off during the two sessions of PowWow.
- 5) Requirement 5 will be passed off during the two sessions of PowWow.
- 6) Requirement 6 will be passed off during the two sessions of PowWow.
- 7) Requirement 7 should be completed **either before PowWow or as homework** between the two sessions.
- 8) Requirement 8 will be passed off during the two sessions of PowWow.
- 9) Requirement 9 will be passed off during the two sessions of PowWow.
- 10) Requirement 10 should be completed **either before PowWow or as homework** between the two sessions.

*All requirements may be subject to change by the merit badge counselor based on time constraints at the PowWow session. Please listen to all instructions given by the instructor to be aware of any changes.

Requirement 1

Initial

Describe the influence that EIGHT of the following people had on the history of medicine:

Hippocrates:

William Harvey:

Antoine van Leeuwenhoek:

Edward Jenner:

Florence Nightingale:

Louis Pasteur:

Gregor Mendel:

Joseph Lister:

Robert Koch:

Wilhelm Conrad Roentgen:

Marie and Pierre Curie:

Walter Reed:

Karl Landsteiner:

Alexander Fleming:

Jonas Salk:

James Watson and Francis Crick:

Requirement 2

Initial

Explain the Hippocratic Oath:

How does the original version of the Hippocratic Oath differ from a more modern one?

For those subscribing to the original version of the Hippocratic Oath, to whom do they owe the greatest allegiance?

Requirement 3

Initial

Discuss the health care provider-patient relationship.

What is the importance of the health care provider-patient relationship in the delivery of quality care to the patient?

Describe the role of confidentiality in the health care provider-patient relationship.

Requirement 4

Initial

Below you will find a list of people in the health care industry. Describe the role that each plays in the delivery of health care in your state. (Note: Not all may exist in your state.) If needed, use another piece of paper and attach it to this work sheet.

Physician:

Chiropractor:

Optometrist:

Podiatrist:

Pharmacist:

Psychologist:

Physician's Assistant:

Nurse Practitioner:

Nurse-Midwife:

Registered Nurse:

Licensed Vocational/Practical Nurse:

Medical Assistant:

Emergency Medical Technician:

Medical Laboratory Technologist:

Radiologic Technologist:

Physical Therapist:

Occupational Therapist:

Respiratory Therapist:

Select five of the people above and describe the educational and licensing requirements for each of these in the state that you live in. Note: You may NOT use Physician as one of the people.

Person/Job #1:

Educational Requirements:

Licensing Requirements:

Person/Job #2:

Educational Requirements:

Licensing Requirements:

Person/Job #3:

Educational Requirements:

Licensing Requirements:

Person/Job #4:

Educational Requirements:

Licensing Requirements:

Person/Job #5:

Educational Requirements:

Licensing Requirements:

Requirement 5

Initial

A. What is meant by the term “primary care” with regard to a medical specialty?

Describe the types of work done by physicians in the following “core” specialties.

Internal Medicine:

Family Practice:

Obstetrics/Gynecology:

Pediatrics:

Psychiatry:

Surgery:

B. List the additional educational requirements for the six specialties listed above.

Internal Medicine:

Family Practice:

Obstetrics/Gynecology:

Pediatrics:

Psychiatry:

Surgery:

Requirement 6

Initial

A. Briefly describe the types of work performed by physicians in FIVE of the following specialties or subspecialties. Use the back of this page if you need more room.

- Allergy/immunology:
- Anesthesiology:
- Cardiovascular disease:
- Colon and rectal surgery:
- Dermatology:
- Emergency medicine:
- Endocrinology and metabolism:
- Gastroenterology:
- Geriatric Medicine:
- Hematology/Oncology:
- Infectious disease:
- Nephrology:
- Neurological surgery:
- Neurology:
- Nuclear medicine:
- Ophthalmology:
- Orthopedic surgery:
- Otolaryngology/Head and neck surgery:
- Pathology:
- Physical medicine and rehabilitation:
- Plastic, reconstructive, and maxillofacial surgery:
- Preventive medicine:
- Radiology:
- Rheumatology:
- Thoracic/cardiothoracic surgery:
- Urology:
- Vascular surgery:

B. List the additional educational requirements for the five specialties you selected above.

- Person/Job #1:
Educational Requirements:
- Person/Job #2:
Educational Requirements:
- Person/Job #3:
Educational Requirements:
- Person/Job #4:
Educational Requirements:
- Person/Job #5:
Educational Requirements:

Requirement 7

Initial

A. Visit a physician's office, preferably one who delivers "primary care" (If a visit to a physician's office could not be arranged, you may demonstrate to your counselor that you understand the components of a medical history and physical, and discuss the instruments involved.)

Discuss with the physician the following issues:

Discuss the components of a medical history. What did you learn?

Discuss the components of a physical exam. What did you learn?

What are the instruments used during a standard medical exam?

B. Describe the characteristics of a good diagnostic test to screen for disease.

Explain why diagnostic tests are not perfect.

Briefly describe the steps in taking a blood pressure reading and a pulse reading.

Demonstrate to your counselor how to take a blood pressure reading and a pulse reading.

Requirement 8

Initial

A. Discuss how each of the following influence the practice of medicine in the United States.

Medical Societies:

Insurance Industry:

Government:

B. How does your state monitor the quality of health care within its borders?

How does your state provide care to those who do not have health insurance?

Requirement 9

Initial

Compare the health care delivery systems in the United States, Sweden, and China.

Requirement 10

Initial

Serve as a volunteer at a health-related event or facility in your community approved by your counselor.

What did you do for this requirement?

Give a brief summary of your experience.

Merit badge work sheets will not be accepted at the Council Office in place of the official Merit Badge Application Card. Those who do not complete all the requirements should take their partially completed merit badge work sheet and their official application card to their local merit badge counselors for completion.