

Pikes Peak State College

Diagnostic Medical Sonography Course Schedule

The Diagnostic Medical Sonography program is designed to prepare students for entry-level employment in the sonography field through a combination of prerequisite coursework, classroom instruction, scanning lab practice, and clinical experience.

The full program includes **69.5 total credits**, including **22 credits of required prerequisite coursework** and **47.5 credits of core DMS coursework**.

Required Prerequisite Courses

Students must complete the required prerequisite courses before beginning the core DMS program sequence.

Prerequisite Coursework: 22 Credits

Course	Course Title	Credits
ENG 1021	English Composition I: GT-CO1	3
MAT 1140	Career Math	3
PSY 2440	Human Growth & Development: GT-SS3	3
OR PSY 1001	General Psychology I: GT-SS3	3
OR Approved Social or Arts & Humanities Course	Approved elective option	3
BIO 2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO 2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
HPR 1038	Introduction to Medical Terminology	1
RTE 2055	Multiplanar Sectional Imaging	2
DMS 1001	Introduction to Sonography	2

Total prerequisite credits: 22

Note: Students complete one 3-credit option from PSY 2440, PSY 1001, or an approved Social or Arts & Humanities course.

Core DMS Course Sequence

After completing the required prerequisites and being accepted into the program, students follow a set DMS course sequence. The core curriculum is completed over **four terms**.

Core DMS coursework: 47.5 credits

First Fall Semester

Total credits: 11.5

Course	Course Title	Credits	Weekly Time Commitment
DMS 2201	OB/GYN Ultrasound I	2	2 hrs/week
DMS 2101	Abdominal Ultrasound I	2	2 hrs/week
DMS 2001	Ultrasound Physics I	2	2 hrs/week
DMS 2111	Ultrasound Scanning Lab	3	3 hrs/week
DMS 2080	Clinical Observation	2.5	7.5 hrs/week

First Spring Semester

Total credits: 14

Course	Course Title	Credits	Weekly Time Commitment
DMS 2202	OB/GYN Ultrasound II	2	2 hrs/week
DMS 2102	Abdominal Ultrasound II	2	2 hrs/week
DMS 2002	Ultrasound Physics II	2	2 hrs/week
DMS 2081	Clinical Internship I	8	24 hrs/week

Summer Semester

Total credits: 12

Course	Course Title	Credits	Weekly Time Commitment
DMS 2100	Small Parts Ultrasound	2	2 hrs/week
DMS 2400	Vascular Ultrasound	2	2 hrs/week
DMS 2082	Clinical Internship II	8	24 hrs/week

Second Fall Semester

Total credits: 10

Course	Course Title	Credits	Weekly Time Commitment
DMS 2083	Clinical Internship III	8	24 hrs/week
DMS 2089	Ultrasound Capstone	2	2 hrs/week

Program Credit Summary

Program Component	Credits
Required Prerequisites	22
Core DMS Coursework	47.5
Total Program Credits	69.5

Important Notes for Students

- The DMS core program follows a **required course sequence**.
- Courses must be completed in the order listed unless otherwise approved by the program.

- Clinical courses require a significant weekly time commitment.
- Clinical schedules and site assignments may vary.
- Students should plan for travel to clinical sites.
- Students may need to complete additional program requirements such as health documentation, background checks, drug screening, and compliance requirements.
- Completion of prerequisite coursework does not guarantee admission into the DMS program.
- Students should meet with an advisor or program representative to confirm course planning, admission requirements, and sequencing.