

Echocardiography Certificate

[Echocardiography Degree Audit](#)

[ECHO Program Policy Manual](#)

1st Semester ECHO Advisement

- DMS306 Physics of Ultrasound I (2 cr.)
- ECH300 Introduction to Echocardiography (1 cr.)
- ECH301 Echocardiography I (2 cr.)
- ECH302 Echocardiography College Laboratory I (1 cr.)
- ECH303 Echocardiography Principles and Instrumentation (3 cr.)
- ECH304 Anatomy & Physiology of the Heart (3 cr.)
- ECH320 Echocardiography Clinical Practicum I (3 cr.)
- Mercy Action Project

Semester Total 15

2nd Semester ECHO Advisement

- DMS406 Physics of Ultrasound II (1 cr.)
- ECH401 Echocardiography II (4 cr.)
- ECH402 Echocardiography College Laboratory II (1 cr.)
- ECH403 Seminar/Research Course (2 cr.)
- ECH404 Pathology of the Heart (4 cr.)
- ECH420 Echocardiography Clinical Practicum II (3cr.)

Semester Total 15

Summer Session ECHO Advisement

- ECH430 Echocardiography Clinical Practicum III (6 cr.)

Semester Total 6

General Advising Information

- Fall and Spring Clinicals are three days a week 8 hours a day for a total of 24 hours a week. Days at clinic are determined by the clinical facility that the student is assigned and do not run past 4p.m. so that students will be able to make it to class start at 5.
- Summer session Clinicals are Monday – Friday for a total of 40 hours per week for 12 weeks total.
- Students may register for the Mercy Action Project in any semester as long as the requirement is completed prior to graduation.

Successful ECHO Program Progression

- If a student is unsuccessful in any of the Echocardiography courses in the major sequence, or if the objectives for clinical education are not met, the student cannot advance to the next semester of the program.
- Refer to the *ECHO Policy Manual* for the program progression and readmission policy.