

**TRANSFER GUIDE FOR
MACOMB COMMUNITY COLLEGE**

**Associate in Applied Science Degree
DIAGNOSTIC MEDICAL SONOGRAPHY
Effective Fall 2008**

| Home Page | Contact | Phone |
|---|---|--------------------------------------|
| http://www.ferris.edu/htmls/colleges/alliedhe/ | Michelle Weemaes Program Coordinator Diagnostic Medical Sonography College of Allied Health Sciences Ferris State University 200 Ferris Drive Big Rapids MI 49307-2740 weemaesm@ferris.edu | 1-800-GO-BULLDOGS or 231/591-2261 |

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris State University. The information on this guide is subject to change; students should contact the College of Allied Health Sciences to keep informed of changes (see "contact" above). Final responsibility for verifying all transfer information lies with the students.

QUALIFICATION CHECKLIST FOR APPLICATION

For Admission to the Professional Sonography Sequence: Students should officially apply to the professional sequence **between January 15 and January 30** if they will have their qualifications completed by the end of the previous Fall Semester for consideration for the following Fall semester start.

Please refer to the **Policy for Admission to the Professional Sequence for CAHS Clinical Programs** and to the **Frequently Asked Question (FAQ) for the Application and Admission Process**. These links can be accessed at the College of Allied Health Sciences Home Page. See below.

| COURSE / QUALIFIERS | Minimum CREDITS | Minimum GRADE REQUIRED |
|--|-----------------|------------------------|
| Academic Status: • Minimum Standard: Maintain GPA of 2.5 or higher | NA | NA |
| Math Competency: • ACT Subscore of 24 or higher <u>or</u> • MATH 115 (*in 2 attempts) | NA 3 | NA C |
| ENGL 150 English 1 (*in 2 attempts) | 3 | C |
| Medical Terminology Competency • MRIS 102 Orientation To Medical Vocabulary (*in 2 attempts) | 1 | C |
| BIOL 109 Basic Human Anatomy & Physiology (*in 2 attempts) | 4 | C |
| PHYS 130 Concepts of Physics (*in 2 attempts) | 4 | C |

CAHS Pre-Professional Advisor: Linda Kuk
 Contact Information: kukl@ferris.edu 1-800-GO-BULLDOGS, ext. 2270; Office: VFS 210B

Be sure to watch the Sonography Website for Program updates. Application Guidelines & Forms can be accessed on the CAHS Website: <http://www.ferris.edu/htmls/colleges/alliedhe/index.cfm>

*Please refer to the Sonography Progression Policy for guidelines regarding repeated courses. Available at the Sonography website: http://www.ferris.edu/htmls/colleges/alliedhe/program_template.cfm?ProgramID=8

The following is a list of courses students must complete to earn the degree. Community college equivalents are listed below and may be taken prior to transferring to Ferris. If a program will accept a course as a substitution, the word "sub" will follow the community college course number. Blank spaces in the community college column indicate there are no course equivalents or substitutions available.

| REQUIRED | COURSE TITLE – FSU PREREQUISITES SHOWN IN BRACKETS () | | FSU HOURS | COURSE AT Macomb CC |
|----------|--|--|-----------|---------------------|
|----------|--|--|-----------|---------------------|

COMMUNICATION COMPETENCE: 9 CREDITS REQUIRED

| | | | | |
|-------------------------------|-----|---|---|---------------------------|
| ENGL | 150 | English 1 | 3 | ENGL1180 or 1210 |
| ENGL | 250 | English 2 (ENGL 150 grade of C- or higher required) | 3 | ENGL1190 or 1220 |
| Recommended: COMM | 105 | Interpersonal Communication | 3 | SPCH 1100 or 1200 or 1060 |
| Also Accepted: COMM | 221 | Small Group Decision-making | | |
| | 121 | Fundamentals of Public Speaking | | |

QUANTITATIVE SKILLS: PROFICIENCY OR COURSE REQUIRED

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|-------|-----|--|--|-----------|
| *MATH | 115 | ACT – Math subscore of 24 or higher or MATH 115 grade of C | | MATH 1000 |
|-------|-----|--|--|-----------|

SOCIAL AWARENESS: 3 CREDITS REQUIRED

CULTURAL ENRICHMENT: 3 CREDITS REQUIRED

SCIENTIFIC UNDERSTANDING: 8 CREDITS REQUIRED

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|-------|-----|--|---|----------------------|
| *BIOL | 109 | Basic Human Anatomy & Physiology | 4 | BIOL 2710 |
| *PHYS | 130 | Concepts of Physics (Math 110 C- or 19 ACT or 460 SAT) | 4 | Sub PHYS 1180 & 1190 |

CAHS CORE REQUIREMENTS: 5 CREDITS REQUIRED

| | | | | |
|-------|-----|---|---|-----------|
| CCHS | 101 | Orientation to Health Care | 3 | |
| CCHS | 102 | Safety Issues in Health Care | 1 | |
| CCHS | 103 | Clinical Skills | 1 | |
| *MRIS | 102 | Orientation to Medical Vocabulary or Medical Terminology Competency | | HHSC 1700 |
| ISYS | 105 | Introduction to Microcomputer Systems and Software or Computer Competency | | |

**COURSES TO BE COMPLETED AT FERRIS STATE UNIVERSITY
SONOGRAPHY MAJOR: 54 CREDITS REQUIRED**

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|------|-----|--|---|--|
| SONO | 100 | Introduction to Diagnostic Medical Sonography | 1 | |
| SONO | 102 | Introduction to Sonographic Imaging | 1 | |
| SONO | 104 | Introduction to Ultrasound Physics | 3 | |
| SONO | 105 | Sonography Physics Laboratory | 1 | |
| SONO | 111 | Sonography Pathophysiology of Abdominal Organs | 2 | |
| SONO | 112 | Abdominal Imaging Laboratory | 1 | |
| SONO | 115 | Sonography Cross Sectional Anatomy | 1 | |
| SONO | 117 | Introduction to Sonographic Interpretation | 2 | |
| SONO | 121 | Introduction to OB/GYN Imaging | 3 | |

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|------|-----|-------------------------------------|---|--|
| SONO | 122 | OB/GYN Imaging Laboratory | 1 | |
| SONO | 131 | Hemodynamic and Doppler Principles | 1 | |
| SONO | 132 | Hemodynamic and Doppler Laboratory | 1 | |
| SONO | 280 | Clinical Interternship 1 | 8 | |
| SONO | 281 | Small Parts and Invasive Procedures | 4 | |
| SONO | 282 | Clinical Internship II | 8 | |
| SONO | 283 | OB/GYN Imaging II | 4 | |
| SONO | 284 | Clinical Internship III | 8 | |
| SONO | 285 | Sonographic Interpretation II | 4 | |