

# Dual Degree MD/MS Curriculum (Four Year Option)

## McGovern Medical School and School of Biomedical Informatics

| May  | June       | July  | August                    | September       | October  | November  | December                                      | January                                | February                             | March  | April    | May                        | June              |                  |  |
|--|------------|---|---------------------------|-----------------|----------|-----------|---|--|--------------------------------------|--|----------|----------------------------|-------------------|------------------|--|
| <b>INTEGRATED MEDICAL SCIENCE 1</b>              |            |   |                           |                 |          |           |   |  |                                      |  |          | <b>VACATION</b>            |                   |                  |  |
| Foundations of Medical Science                   |            |   |                           |                 |          |           | Vac   | Hematology & Introduction to Pathology | Cardiovascular                       | Vac  | Renal    | Pulmonary                  | Summer Research*  |                  |  |
| Doctoring 1: History and Physical                |            |   |                           |                 |          |           | Doctoring 2: Longitudinal Clinical Experience |  |                                      |  |          | Preceptors*                |                   |                  |  |
| Scholarly Concentration*                         |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| BMI 5300: Introduction to Biomedical Informatics |            |   |                           |                 |          |           |   |  |                                      | BMI 5310: Foundations of Biomedical Information Sciences I |          |                            |                   | SBMI Elective #1 |  |
| BMI 6313: Scientific Writing in Healthcare       |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   | SBMI Elective #2 |  |
| <b>VACATION</b>                                  |            | <b>INTEGRATED MEDICAL SCIENCE 2</b>                         |                           |                 |          |           |   |  |                                      |  |          | <b>REQUIRED CLERKSHIPS</b> |                   |                  |  |
| Summer Research*                                 |            | Gastrointestinal  | Nervous System & Behavior |                 |          | Endocrine | Vac   | Reproductive Systems                   | Musculoskeletal System & Dermatology | Step 1 Prep  |          | TC                         | Internal Medicine |                  |  |
| Preceptors*                                      |            | Doctoring 3: Longitudinal Clinical Experience               |                           |                 |          |           | Doctoring 3: (cont'd)                         |  |                                      |  |          |                            |                   |                  |  |
| Scholarly Concentration*                         |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| SBMI Elective #1                                 |            | BMI 5311: Foundations of Biomedical Information Sciences II |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| SBMI Elective #2                                 |            | SBMI Elective #3  |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| <b>REQUIRED CLERKSHIPS</b>                       |            |   |                           |                 |          |           |   |  |                                      |  |          | <b>CAREER FOCUS TRACKS</b> |                   |                  |  |
| Surgery  | Vac        | Pediatrics  | Neurology                 | Family Medicine | Vac      | Elective  | Ger   | Ob/Gyn                                 | Vac                                  | Psychiatry   | Elective | Elective                   |                   |                  |  |
| Scholarly Concentration*                         |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| <b>CAREER FOCUS TRACKS</b>                       |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| Critical Care                                    | Ambulatory | Advanced Patient Care                                       | Elective                  | Elective        | Elective | Elective  | Elective                                      | Vacation                               | TR                                   | Vacation   | Vacation |                            |                   |                  |  |
| Scholarly Concentration*                         |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| BMI 6000: Practicum in Biomedical Informatics    |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |
| SBMI Elective #4                                 |            |   |                           |                 |          |           |   |  |                                      |  |          |                            |                   |                  |  |

| Key                         | Longitudinal Themes     |
|-----------------------------|-------------------------|
| VAC Vacation                | Professionalism/Ethics  |
| TC Transition to Clerkships | Evidence Based Medicine |
| Ger Geriatrics              | Systems of Care         |
| TR Transition to Residency  | Population Health       |
| * Not required              | Clinical Skills         |