

ANATOMY – M.S., PH.D. COMPARISON

| | Course Title | MS | PhD |
|---------------------------|---|------------|-------------|
| Basic Science Core | | | |
| IBGS 501 | Biomedical Communication and Integrity | 2.0 | 2.0 |
| IBGS 502 | Biomedical Information and Statistics | 2.0 | 2.0 |
| IBGS 503 | Biomedical Grant Writing | | 2.0 |
| IBGS 511 | Cellular Mechanisms and Integrated Systems I | | 6.0 |
| IBGS 512 | Cellular Mechanisms and Integrated Systems II | | 6.0 |
| IBGS 522 | Cellular Mechanisms and Integrated Systems II Journal Club | | 2.0 |
| IBGS 523 | Cellular Mechanisms and Integrated Systems III Journal Club | | 2.0 |
| Totals | | 4.0 | 22.0 |

| | Course Title | MS | PhD |
|---------------|--------------------------------|-------------|-------------|
| Major | | | |
| ANAT 516 | Neuroscience GS | 6.0 | 6.0 |
| ANAT 541 | Gross Anatomy GS | 7.0 | 7.0 |
| ANAT 542 | Cell Structure and Function GS | 7.0 | 7.0 |
| ANAT 544 | Human Embryology Lecture | 2.0 | 2.0 |
| Totals | | 22.0 | 22.0 |

| | Course Title | MS | PhD |
|-----------------|---|------------|------------|
| Seminars | | | |
| IBGS 605 | Integrative Biology Presentation Seminar (1) | | 2.0 |
| IBGS 604 | Introduction to Integrative Biology Presentation Seminar | 1.0 | 1.0 |
| IBGS 607 | Integrated Biomedical Graduate Studies Seminar ¹ | 1.0 | 1.0 |
| Totals | | 1.0 | 3.0 |

| | Course Title | MS | PhD |
|-----------------|-----------------------------------|------------|------------|
| Religion | | | |
| RELE 5__ | Must be numbered 500 or above | | 3.0 |
| RELT 5__ | Must be numbered 500 or above | | 3.0 |
| RELR 540 | Wholeness and Health ² | 3.0 | 3.0 |
| Totals | | 3.0 | 9.0 |

| | Course Title | MS | PhD |
|------------------------------|---|-------------|-----|
| MS completion options | | | |
| | Required units | 15.0 | |
| Coursework track: | | | |
| | ANAT ____ Anatomy/Embryology electives (15 units) | | |
| Research track: | | | |
| | ANAT 697 Research ((14 units)) | | |
| | IBGS 605 Integrative Biology Presentation Seminar | | |
| Totals | | 15.0 | |

| | Course Title | MS | PhD |
|----------------------------------|------------------------|-------------|-------------|
| PhD research/dissertation | | | |
| ANAT 697 | Research (1-8) | | 12.0 |
| IBGS 696 | Research Rotations (1) | | 2.0 |
| Totals | | | 14.0 |
| Overall Totals | | 45.0 | 70.0 |

¹ Registration and attendance required every quarter in residence, but units do not count toward total required for graduation.

² Fulfills service learning requirement.