Required: SCI-I 120 Windows on Science. With permission another Learning Community may be substituted. 1 cr. ____

AREA I COMMUNICATION - 9 credits
A. English Composition - 6 credits
(Grade of a C or better in each course) 3 cr. ____
ENG-W 131 (ENG-W 140) English Composition I
Second composition course
ENG-W 132 (ENG-W 150),
ENG-W 231 or TCM 320 3 cr. ____
B. Speech Communication - 3 credits
COMM-R 110 Speech Communication 3 cr. ____

AREA II FOREIGN LANGUAGE
A foreign language is not required for BS degrees.

AREA III GENERAL REQUIREMENTS - 44 credits
A. Humanities, Social Sciences and Comparative World Cultures - 12 credits
HIST-H 114 or HIST-H 109 3 cr. ____
One course each from List H, S and C
List H: _______________________________ 3 cr. ____
List S: _______________________________ 3 cr. ____
List C: _______________________________ 3 cr. ____
B. Junior/Senior Integrator - 3 credits
FIS 41500 Forensic Science and the Law 3 cr. ____
C. Physical and Biological Sciences - 20 credits
PHYS-P 201 General Physics I 5 cr. ____
PHYS-P 202 General Physics II 5 cr. ____
CHEM-C 105 Principles of Chemistry I 3 cr. ____
CHEM-C 125 Experimental Chemistry I 2 cr. ____
CHEM-C 106 Principles of Chemistry II 3 cr. ____
CHEM-C 126 Experimental Chemistry II 2 cr. ____
D. Math and Computer Science - 9 credits
MATH 23100 Calculus for Life Science I 3 cr. ____
MATH 23200 Calculus for Life Sciences II 3 cr. ____
Computer Science – Choose from the following: 3 cr. ____
CSCI-N 201, N 207, N 211, N 301

AREA IV MAJOR COURSES - 72 credits
Students must have a grade of C- or higher for Courses listed in Area IV except FIS courses (see below)
A. Required Forensic Science Courses - 21 credits
(Grade of C or better in each FIS course; No grade below C accepted)
FIS 20500 Concepts of Forensic Science I 3 cr. FA
FIS 20600 Concepts of Forensic Science II 3 cr. SP
FIS 30500 Professional Issues in Forensic Science 3 cr. SP

AREA IV A. CONTINUED
FIS 40200 Forensic Biology I 3 cr. FA
FIS 40201 Forensic Biology Lab I 2 cr. FA
FIS 40300 Forensic Biology II 3 cr. SP
FIS 40301 Forensic Biology Lab II 2 cr. SP
FIS 49000 Capstone in Forensic Science 2 cr. FA
B. Required Biology Courses - 26 credits
BIOL-K 101 Concepts of Biology I 5 cr. ____
BIOL-K 103 Concepts of Biology II 5 cr. ____
BIOL-K 323 Genetics & Molecular Biology 3 cr. ____
BIOL-K 323 Genetics & Molecular Biology Lab 2 cr. FA
BIOL-K 338 Introductory Immunology* 3 cr. ____
BIOL-K 339 Immunology Lab* 2 cr. ____
BIOL-K 483 Biological Chemistry 3 cr. ____
BIOL-K 484 Cellular Biochemistry 3 cr. SP
C. Required Chemistry Courses - 10 credits
CHEM-C 341 Organic Chemistry I 3 cr. ____
CHEM-C 343 Organic Chemistry Lab I 2 cr. ____
CHEM-C 342 Organic Chemistry II 3 cr. ____
CHEM-C 344 Organic Chemistry Lab II 2 cr. ____
D. Required Statistics Course - 3 credits
STAT 301 Elementary Statistical Methods 3 cr. ____
E. Advanced Science Courses – Choose 12 credits (minimum)
Check prerequisites at www.bulletin.iupui.edu.
Faculty Recommended Course:
FIS 30600 Forensic Microscopy 3 cr. ____
ANTH-B 426 Human Osteology 3 cr. ____
ANTH-B 426 Forensic Anthropology 3 cr. ____
BIOL-K 324 Cell Biology 3 cr. ____
BIOL-K 325 Cell Biology Laboratory 2 cr. SP
BIOL-K 356 Microbiology 3 cr. ____
BIOL-K 357 Microbiology Laboratory 2 cr. ____
BIOL-K 341 Principles of Ecology and Evolution 3 cr. ____
BIOL-N 217 Human Physiology 5 cr. ____
BIOL-N 261 Human Anatomy 5 cr. ____
CHEM-C 310 Analytical Chemistry 3 cr. SP/SS
CHEM-C 311 Analytical Chemistry Lab 1 cr. SP/SS
CHEM-C 360 Elementary Physical Chemistry 3 cr. SP
CHEM-C 410 Prin. of Chemical Instrumentation 3 cr. FA
CHEM-C 411 Prin. of Chemical Instrumentation Lab 2 cr. FA
CHEM-C 430 Inorganic Chemistry 3 cr. SP
CHEM-C 435 Inorganic Chemistry Lab 1 cr. SP
CHEM-C 484 Biomolecules and Catabolism 3 cr. FA
CHEM-C 485 Biosynthesis and Physiology 3 cr. ____
CHEM-C 486 Biological Chemistry Lab 2 cr. ____
FIS 40100 Forensic Chemistry I 3 cr. FA
FIS 40101 Forensic Chemistry I Lab 1 cr. FA
FIS 40400 Forensic Chemistry II 3 cr. SP
FIS 40401 Forensic Chemistry II Lab 1 cr. SP
GEOL-G 306 Earth Materials 3 cr. ____

AREA V ELECTIVES (FIS requires no electives. Total: 126 cr.)
* BIOL-K 324 Cell Biology and BIOL-K 325 Cell Biology Lab may be substituted for Immunology. Immunology may be taken for Advanced Science.
GENERAL INFORMATION

1. Courses taken outside of the Schools of Science and Liberal Arts (other than those listed that satisfy an area requirement or concentration) must receive departmental approval. No more than 6 credits of studio, clinical, athletic, or performing arts course work will be approved. See the departmental advisor.

2. Independent Study (correspondence) courses may be used for general electives up to a maximum of 12 credit hours. All independent study courses must be approved by the associate dean for academic programs and student development in the School of Science.

3. Courses taken on the Pass/Fail option are applied only as general electives and do not count toward any degree area requirements of the school or department.

4. A minimum of 124 credit hours must be completed for graduation. This total must include at least 32 credit hours in courses at the 300-level or above taken at the IUPUI campus. Residence (not living but taking courses on the IUPUI campus) of at least two semesters at the IUPUI campus is also required for graduation.

5. Some of the courses listed may have prerequisites that are not part of the required course list. Check with the FIS advisor to make sure you have the necessary prerequisites.

6. The following are acceptable substitutes. Always check with your advisor before officially choosing a substitute.
   - MATH 16500 & 16600 – Can substitute for MATH 23100 & 23200
   - MATH 22100 & 22200 – Can substitute for MATH 23100 & 23200
   - PHYS 15200 & 25100 – Can substitute for PHYS-P 201 & P 202

7. Students must maintain a minimum 2.5 GPA for the FIS degree.

8. To contact the FIS Academic Advisor, call 317-274-6882 or email forsci@iupui.edu. To schedule an appointment with the FIS Academic Advisor go to http://science.iupui.edu/advising.

List H: Humanities
- AFRO-A150 Survey of the Culture of Black Americans
- AMST-A103 Topics in American Studies
- HER-H 100 Art Appreciation
- HER-H 101 History of Art I
- HER-H 102 History of Art II
- CLAS-C 205 Classical Mythology
- COMM-T 130 Introduction to Theatre
- ENG-L 105 Appreciation of Literature
- ENG-L 115 Literature for Today
- FILM-C 292 Introduction to Film
- FOLK-F 101 Introduction to Folklore
- HIST-H 105 American History I
- HIST-H 106 American History II
- HIST-H 108 Perspectives on the World to 1800
- HIST-H 113 History of Western Civilization I
- HIST-H 217 The Nature of History
- MUS-M 174 Music for the Listener
- PHBT-P 105 Giving and Volunteering in America
- PHIL-P 110 Introduction to Philosophy
- PHIL-P 120 Ethics
- PSY-B 203 Ethics and Diversity in Psychology
- REL-R 133 Introduction to Religion
- REL-R 173 American Religion
- REL-R 180 Introduction to Christianity
- REL-R 212 Comparative Religions
- WOST-W 105 Introduction to Women's Studies
- WLAC-F 200 Cross-Cultural Encounters

List S: Social Sciences
- AFRO-A 150 Survey of the Culture of Black Americans
- *ANTH-A 104 Culture and Society
- (Note: ANTH-A 304 may be substituted for ANTH-A104. Students may not receive credit for both. ANTH-A304 is typically offered in Summer II.)
- CLAS-C 205 Classical Mythology
- GEOG-G 110 Introduction to Human Geography
- HIST-H 108 Perspectives on the World to 1800
- MUS-M 174 Music for the Listener
- PHIL-P 110 Introduction to Philosophy
- REL-R 133 Introduction to Religion
- REL-R 212 Comparative Religions
- WOST-W 105 Introduction to Women's Studies

List C: Comparative World Cultures
- *ANTH-A 104 Culture and Society
- (Note: ANTH-A 304 may be substituted for ANTH-A104. Students may not receive credit for both. ANTH-A304 is typically offered in Summer II.)
- CLAS-C 205 Classical Mythology
- GEOG-G 110 Introduction to Human Geography
- HIST-H 108 Perspectives on the World to 1800
- MUS-M 174 Music for the Listener
- PHIL-P 110 Introduction to Philosophy
- REL-R 133 Introduction to Religion
- REL-R 212 Comparative Religions
- WOST-W 105 Introduction to Women's Studies