MINORS 2012-13

COLLEGE OF
SCIENCE &
TECHNOLOGY

Office of Student Services
1810 Liacouras Walk, Suite 203
(215) 204-2890

MATHMATICS
638 Wachman Hall     (215) 204-8450
Chairperson: Dr. Edward Letzter
Faculty Advisor: Dr. Boris Datskovsky

☐ Introduction to Academics in Computer Sci (1001)
☐ Introduction to IS&T (CIS 1048)
☐ Program Design & Abstraction (CIS 1068)
☐ Database & File Management Systems (CIS 2109)
☐ Selected one elective from:
  Object-Oriented Programming (CIS 2168) or
  Operating Systems and Networking (CIS 2229)
☐ Select a 3000-level course related to IT from a Temple department. Needs IS&T advisor approval.

INFORMATION SCIENCE & TECHNOLOGY
303 Wachman Hall     (215) 204-8450
Chairman: Dr. Jie Wu
Faculty Advisor: Ms. Wendy Urban

☐ Calculus I (Math 1041)
☐ Calculus II (Math 1042)
☐ Calculus III (Math 2043)
☐ Linear Algebra (Math 2101)
☐ Math Elective (3000 or above or Math 2196*)
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* If Math 2196 is taken, students will need complete three mathematics courses 3000 or above.

BIOLGIO
255 Biology Life Sciences Bldg. (215) 204-8851
Chairperson: Dr. Shohreh Amini
Advisor: Dr. Joel Sheffield & Ms. Evelyn Vleck

☐ Introduction to Biology (Bio 1111)
☐ Introduction to Biology (Bio 2112)
☐ Biology Elective (2200 or above)*
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*At least one of these electives must be a course with a laboratory. See course descriptions for exceptions to Biology electives. Note that Chemistry 1031 and 1032 (with labs) are the co- or pre-requisites for Biology 1111 and 2112. (Minimum of 18 credits)

COMPUTER SCIENCE
303 Wachman Hall     (215) 204-8450
Chairman: Dr. Jie Wu
Faculty Advisor: Prof. Sally Kyvernitis

☐ Program Design and Abstraction (CIS 1068)
☐ Mathematical Concepts in Computing I
  (CIS 1166)
☐ Computer Systems and Low-Level Programming
  (CIS 2107)
☐ Data Structures (CIS 2168)
☐ CIS Independent Study (CIS 4282) or
   an approved 2000 or 3000 level CIS course

PHYSICS
A116 Barton Hall     (215) 204-7634
Chairperson: Dr. Rongjia Tao
Faculty Advisor: Dr. Zbigniew Dziembowski

☐ Elem. Classical Physics I (Physics 1061)
☐ Elem. Classical Physics II (Physics 1062)
☐ Introduction to Modern Physics with Lab
  (Physics 2796)
☐ Electricity & Magnetism with Lab (Physics 3301) or Intro. to Electromagnetic Fields &
  Waves (EE 3712)
☐ Physics Elective (2000 or above)*
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* Electives must be approved by the Undergraduate Physics Adviser

Revised 05/10/12
Geology Minor 2011-2012

303 Beury Hall (215) 204-5918
Chairperson: Dr. David Grandstaff
Faculty Advisor: Dr. George Myer

- Geology 2001 with lab
- Chemistry 1021/1023 or Chemistry 1031/1033
- Math 1022 or Math 1041 or higher
- Geology elective (numbered above 2001)
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To obtain a minor in Geology, students must complete 20 hours of courses in Geology. Geology 1001 or Geology 2001 with lab is required. The remaining courses above the 2001 are chosen with the approval of the Undergraduate Geology Adviser.

DIGITAL MEDIA TECHNOLOGIES
MINOR 2011-2012

Computer & Information Sciences
304 Wachman Hall (215) 204-6437
Chairperson: Dr. Jie Wu
Faculty Advisor: Dr. Justin Shi

Broadcasting, Telecommunications & Mass Media
205 Annenberg Hall (205) 204-3876
Chairperson: Dr. Patrick Murphy
Faculty Advisor:

- Intro to Media Technologies (BTMM 1701)
- Intro to Web Tech & Programming (CIS 1052)
- Programming for the WWW (CIS 1056)
- Intro to Cybermedia (BTMM 2741)
- Elective *
- Elective *

Digital Media Technologies Minor Electives:

Cybermedia Workshop (BTMM 4741)
Regulation & Public Policy (BTMM 4252)
Advanced Topics in Media Telecom. (BTMM 4890)
Creating a Media Business (BTMM 4614)
Entrepreneurship in Sci & Tech (CST 4321)
Computer & Information Sciences courses (numbered above 2000)

*Please note: BTMM students must complete (1) CIS elective; CIS students must complete (1) BTMM elective; all other students must complete (1) BTMM and (1) CIS elective. Please refer to the online bulletin for additional rules applying to electives used for this minor: www.temple.edu/bulletin

Revised 05/10/12