

INFORMAL ADVISING FORM (Fall 2014-2015 Bulletin)
CRIMINAL JUSTICE DEPARTMENT – CRIME ANALYSIS OPTION

(revised January 2015, created March 2013)

PART 1. GENERAL EDUCATION (select 1 from each category list). Note that Bold/ underlined courses are STRONGLY suggested.

Lower Division (68 units)

- Written Communication (**ENG 107** or HON 103A)* or equivalent
- Oral Communication (**COMM 120** or HON 103B)
- Critical Thinking (COMM 180, **MATH 180**, **PHIL 105**, PHIL 200, **PSYC 105**, SOC 180, or HON 103B)
- Mathematics (**MATH 110**, 115, 120, 192, or 211)
- Life Sciences (**BIOL 100, 202**, or HSCI 120)
- Physical Sciences (ASTR 103, CHEM 100, 205, 215, **GEOG 103**, GEOL 101, PHSY 100, 121, or 221)
- Special Topics Science & Tech. (BIOL 216, BIOL 217, CHEM 105, CSCI 122, CSCI 129, GEOL 205 or **GEOL 210**)
- Arts (ART 200, HUM 180, MUS 180, or TA 260)
- Literature (ENG 110, **ENG 111**, ENG 160, ENG 170, TA 160, or TA 212)
- Foreign Language (see listing in the Bulletin many options to pick from: consider Spanish, Arabic, Korean, or Chinese)
- Philosophy (**PHIL 190**, 191, 192, **193**, or 194)
- American History & Civilization (**HIST 146**, 200, or **201**)
- American Institutions (**PSCI 203**)
- World Cultures (**ANTH 140**, **HIST 140**, 142, 144, or SSCI 165)
- Discipline Perspectives (ANTH 100, 102, ECON 104, ES 100, **GEOG 100**, PSYC 100, SOC 100, or WSTD 100)
- Whole Person Physical and Physiological (**KINE 205**)
- Whole Person Social and Psychological (FIN 101, PHIL 101, **PSYC 115**, or SOC 110)
- PE (take 2, each is only 2 units KINE 101, **114, 120**, 121, 137, 147, 149, or 150)

Upper Division (16 units)

- Writing (EDUC 306, **ENG 306**, HUM 306, **MGT 306**, NSCI 306, SSCI 306)
- Integrative Capstone in NSCI (NSCI 300, 310, 314, **315, 320**, 325*, 351, or 360)
- Integrative Capstone in HUM (HUM 319, **325***, 328, 330, 335, 340, 350, 370, 375, 380 or 385). The starred course counts as the multicultural/gender course (see integrative capstone courses and elective options)
- Integrative Capstone SSCI (**SSCI 300, 304**, 315, **316, 320**, 321, 325*, 345, or 350)

PART 2. CRIME ANALYSIS MAJOR REQUIREMENTS

Lower Division (all required – 24 or 25 units)

- CJUS 101 (Intro to CJ- 4 units)
- CJUS 102 (Criminal Law- 4 units)
- CJUS 106 (Intro. Investigation- 4 units)
- GEOG 202 (GIS Intro -5 units) or IST 280 (if Cyber Security option- 4units)
- IST 101 (Intro to Info. Tech.- 4 units)
- IST 274 (Database and security management- 4 units)

Upper Division (all required – 29 units)

- CJUS 311 (Methods- 4 units)
- CJUS 312 (Statistics- 4 units)
- CJUS 320 (Theory- 4 units)
- CJUS 470 (Crime Prevention- 4 units)
- CJUS 550 (Crime & Intel. Analysis- 5 units)
- CJUS 570 (Crime in Public Space- 4 units)
- CJUS 575 (Internship- 4 units) or GEO 575 or IST 575^φ or CJUS 595 (Independent Study- 4 units) or GEO 595 or IST 595^φ

^φSelection of 4 unit practical training courses will depend on technical proficiency and student interest.

General Electives (select 12 UNITS- students are suggested to select courses within one area of interest)

Interested in Criminal Networks

- MATH 272 (Discrete Mathematics- 4 units)
- CJUS 571 (Advanced Network Analysis- 4 units)
- CJUS 453 (Gangs- 4 units)
- GEOG 305 (Geo. Stats- 4 units)
- CJUS 554 (Terrorism- 4 units)
- CJUS 555 (Homeland Security- 4 units)

Interested in Urban Planning/ Law Enforcement

- GEO 307 (Transportation- 4 units)
- GEO 390 (Special Topics- 4 units)
- GEO 415 (Urban Planning- 4 units)
- CJUS 340 (Police Administration- 4 units)
- CJUS 455 (Forensic Profiling- 4 units)
- CJUS 504 (Criminal Procedure- 4 units)

Interested in National Security Issues

- PSCI 484 (National Security Policy- 4 units)
- HIST 556 (US Foreign Relations- 4 units)
- PSCI 540 (Comparative Politics- 4 units)
- PSCI 581 (Political Econ. Russia- 4 units)
- PSCI 590 (International Relations- 4 units)
- GEO 322 (Border Issues- 4 units)

Interested in Forensic Analysis or Corporate Crime

- ACCT 211 (Intro. Part I- 4 units)
- ACCT 212 (Intro. Part II- 4 units)
- GEO 420 (Economic Activity- 4 units)
- CJUS 452 (Occupational & Corporate- 4 units)
- CJUS 556 (Organized Crime- 4 units)

Other Options

- CJUS 590 (Special Topics- 4 units) -may be repeated for credit if topics change.
- CJUS 575 (Internship- 4 units) or GEO 575 or IST 575- if not already used as a major requirement
- CJUS 595 (Independent Study- 4 units) or GEO 595 or IST 595- if not already used as a major requirement

PART 3. TECHNICAL PROFICIENCY (select one area of proficiency- there are two options to select from)

OPTION A. GEOGRAPHIC INFORMATION SYSTEMS

Required GIS Proficiency (all required, 26-35 units)

- GEOG 100** (Intro. to Geog.- 4 units) (if not already taken)
- GEOG 103** (Physical Geog.- 5 units) (if not already taken)
- GEOG 201** (Map Interp.- 4 units)
- GEOG 306** (Remote Sensing- 4 units)
- GEOG 308** (Advanced GIS- 5 units)
- GEOG 315** (Spatial Analysis- 4 units)
- GEOG 402** (GIS Applications- 5 units)
- GEOG 406** (Digital Processing- 4 units)

GIS Proficiency Electives (select 4 units minimum)

- GEOG 575*** optional if not used as a Major requirement
- GEOG 312 (Developing World- 4 units)
- GEOG 341 (Military- 4 units)
- GEOG 304 (Field Methods- 4 units)
- GEOG 305 (Stats. & Methods- 4 units)

OPTION B. CYBER SECURITY

Required Cyber Security Proficiency (all required, 28-33 units)

- GEOG 103 (Physical Geog.- 5 units) (if not already taken)
- IST 275 (Intro Networking and Security- 4 units)
- GEOG 306 (Remote sensing- 4 units)
- IST 372** (Information Tech- 4 units)
- IST 215** Cyber Security (a.k.a. IST 410 Info. Systems Security Professionals- 4 units)
- IST 415** (Security Systems Management- 4 units)
- IST 511** (Cyber Security and Defense- 4 units)
- IST 525 (Digital Forensics- 4 units)

Cyber Security Proficiency Electives (select 4 units minimum)

- IST 575* optional if not used as a Major requirement
- IST 595* optional if not used as a Major requirement
- IST 276** (Sys analysis and design- 4 units)
- IST 282 (Bus Systems I-4 units)
- IST 474** (Advanced Database and Security-4 units)
- IST 475** (Advanced Networking and Security-4 units)

Please be advised that the technical proficiency options have unique and potentially additional requirements if you desire to obtain the relevant professional certifications.