**Purdue Northwest Curriculum Document Coversheet**

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| **Document No:**(According to [Instruction](http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/)s[[1]](#footnote-1)) | CES 18-02 NEW MINOR FORENSIC SCIENCE | **Approval by Faculty Senate:** (Leave Blank) | 12/14/18 |
| **Proposed Effective Date**  | Spring 2019 | **Date Reviewed by Senate Curriculum****Committee:** (Leave blank) | 11/9/18 |
| **Submitting Department:**(Name of both Dept & College/School ) | Chemistry & Physics DepartmentCollege of Engineering and Sciences | **Name(s) of Library Staff Consulted:** (NA if not required) |  |
| **Date Reviewed by Department**  | September 21, 2018 |  |  |
| **Submission Date:**(Date sent to College/School Curr Comm after Dept Review) |  | **Will New Library****Resources Used?** | [ ]  **Yes**[x]  **No** Double-click to check Yes / No. |
| **Date Reviewed by College/School Curriculum Committee**  |  | **Form 40 Needed?**(Double-click one box.)Registrar will complete Form 40 **after** Senate approval of document. | [ ]  **Yes** New courses or any course change, check **YES**[x]  **No** For **all other** curriculum matters, check **NO**. |
| **Contact Person(s):**(Name & Title) | Purna Das, Department Head  |  |  |

Unless marked “Leave blank” all parts of this form must be filled in **before** sending to Secretary of the Faculty Senate.

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| **Task (check all that apply and fill out sections appropriate for each change).** [ ]  Program/Concentration Change or New Program/Concentration Proposal: Complete Section I, III, & IV[x]  Minor Change or New Minor Proposal: Complete Section I (delete sections III & IV)[ ]  Certificate Change or New Certificate Proposal: Complete Section I (delete sections III & IV)[ ]  Course Change or New Course Proposal: Complete Section II (delete sections III & IV) |
| **Program name**. Minor in Forensic Science |
| **Degree name(s).** (If applicable.) Bachelor of Science |

## Section I: This section is for changes in programs, minors and certificates

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| **List the major changes in each program of study, minor or certificate.** Proposal for a Minor in Forensic Science |
| **Impact on Students.** (State “N/A” if proposal will not greatly affect students.)The proposed Minor will be accessible to multiple disciplines. Students from primarily Biology, Chemistry, Engineering, Physics, and Social Sciences will be able to choose electives that are already part of their study plans. The new Minor will be compatible with the concentration in forensic science that is already in place. |
| **Impact on University Resources.** (State “N/A” if proposal will not require new resources, faculty or funds.)Two of the three core courses (FIS 14000 and FIS 14005) in the Forensic Science Minor, and in the existing Forensic Science Concentration within the Physical Sciences Major, are currently handled by qualified LTLs and laboratory resources of the department. The third course in the core, CRJU 15000, is offered through the Social Sciences Department. The fourth course FIS 35000 is part of the Forensic Science Concentration curriculum. A Visiting Instructor with expertise in forensic science and criminal justice background and significant industry experience has joined the department to assist in the growth of the forensic science program and cover additional FIS courses in the concentration. No additional faculty will be needed to support the minor since the courses in the minor are drawn from the core courses in the concentration. The existing cross disciplinary laboratory resources would be adequate to provide the necessary laboratory experience to the students.  |
| **Impact on other Academic Units.** (State “N/A” if proposal will not affect other units.)(Include name of person in affected area discussed with)The multidisciplinary nature of the Forensic Science Minor will allow students from various disciplines to have the flexibility to fit the minor into their curricular plans. Academic units with courses in the electives list may see slight enrollment increase in listed courses. |

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 ***Document No:***

## Section IV: PROPOSED PLAN OF STUDY

### Degree Name: Minor in Forensic Science

### Degree Requirements: Grade Point Average (GPA) - 2.0 GPA or better is required for all elective courses applied to this minor.

### Credit Hours: 21 credit hours

### Required Courses

CRJU 15000 Intro to Criminal Justice System 3 credits

FIS 14000 Intro to Forensic Science: Criminalistics 3 credits

FIS 14005 Intro to Forensic Science: Evidence Handling 3 credits

FIS 35000 Courtroom Demeanor 3 credits

Total Required Courses **12 credits**

### Electives: Choose 9 credits from the list below

BIOL 10100 Introductory Biology 4 credits

BIOL 10200 Introductory Biology 4 credits

BIOL 24400 Genetics 4 credits

CHM 11500 General Chemistry 4 credits

CHM 11600 General Chemistry 4 credits

CHM 26300 Organic Chemistry Lab 1 credit

CHM 26400 Organic Chemistry Lab 1 credit

CHM 26505 Organic Chemistry 3 credits

CHM 26605 Organic Chemistry 3 credits

CHM 32100 Analytical Chemistry I 4 credits

CHM 33300 Principles of Biochemistry 3 credits

CRJU 30700 Victimology 3 credits

CRJU 32400 Criminology 3 credits

CRJU 34100 Criminal Investigation 3 credits

CS 43200 Intro to Computer-Based Biomedical Image Analysis 4 credits

FIS 24500 Laboratory Quality Systems Theory 3 credits

ITS 20000 Ethical and Legal Issues in IT 3 credits

ITS 45200 Computer Forensics 3 credits

ITS 55200 Digital Forensic Techniques 3 credits

PHYS 22000 General Physics or PHYS 15200 Mechanics (See Note 1) 4 credits

PHYS 22100 General Physics or PHYS 25100 General Physics (See Note 1) 4 credits

PHYS 32200 Optics 3 credits

PHYS 34200 Modern Physics 3 credits

POL 35400 Law, Ethics and Public Policy 3 credits

PSY 12000 Elementary Psychology 3 credits

PSY 33200 Forensic Psychology 3 credits

SOC 32800 Criminal Justice 3 credits

SOC 30300 Sociology of Violence 3 credits

STAT 30100 Elementary Statistical methods 3 credits

STAT 33001 Biostatistics 3 credits

STAT 40001 Statistical Computing 3 credits

**Total Concentration 21 credits**

1. <http://faculty.pnw.edu/blog/curriculum-document-approval-procedures/> [↑](#footnote-ref-1)