| LSC Use Only No: LSC Action-I   |  | WUCC Action-Date:          | Senate Action Date:  |  |  |
|---|--|----------------------------|----------------------|--|--|
|   | 02-116   | p-4/15/03                  | App 4/29/03          |  |  |
| Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee  |  |                            |                      |  |  |
| Contact Person  |  | Email Address              |                      |  |  |
| Muhammad Numan  |  | mznuman@iup.               | .edu                 |  |  |
| Proposing Department/Unit   |  | Phone                      |                      |  |  |
| Physics   | Li C. Line a managed Hao                       | 7-2318                     | hoot for each course |  |  |
| Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.                                       |  |                            |                      |  |  |
| Course Proposals (check all that a)     New Course  | pply) Course Prefix Change                     | Course l                   | Deletion             |  |  |
|   |  | 0:                         | 15. 45%/017          |  |  |
| Course Revision   | Course Number and/or Title Chang               | geCatalog                  | Description Change   |  |  |
|   |  |                            |                      |  |  |
| <u>Current</u> Course prefix, number and full title   | <u>Proposed</u> course pr                      | efix, number and full titl | le, if changing      |  |  |
| 2. Additional Course Designations: check if appropriate  This course is also proposed as a Liberal Studies Course.  This course is also proposed as an Honors College Course.  Pan-African) |  |                            |                      |  |  |
| 3. Program ProposalsNew Degree Program  | Catalog Description ChangeProgram Title Change | XX_Prog                    | gram Revision<br>er  |  |  |
| New Minor Program   | New Track                                      |                            |                      |  |  |
| Bachelor of Science - Applied   |  |                            |                      |  |  |
| Physics/Electro-Optics Track  |  |                            |                      |  |  |
| Current program name  | <u>Proposed</u> program                        | name, if changing          |                      |  |  |
| 4. Approvals  |  |                            | Date                 |  |  |
| Department Curriculum Committee   | K. St & dhist                                  |                            |                      |  |  |
| Chair(s)  | Jenney C. Hirans                               | Can                        |                      |  |  |
| Department Chair(s)   | Kennett & Hershy                               | nan                        |                      |  |  |
| College Curriculum Committee Chair  |  | 0                          | aulou b              |  |  |
| College Dean  |  | = A                        | 64/04/03             |  |  |
| Director of Liberal Studies *   | 1 de   |                            | 09/02/02             |  |  |
| Director of Honors College *  |  |                            |                      |  |  |
|   |  |                            |                      |  |  |
| Provost * Additional signatures as appropriate:   |  |                            |                      |  |  |
|   |  |                            |                      |  |  |
| (include title)   |  |                            |                      |  |  |
| RECEIVED UWUCC Co-Chairs  | Gail Sechrist                                  |                            | 4/15/03              |  |  |

APR - 8 2003

\* where applicable

## **Bachelor of Science --- Applied Physics/Electro-Optics Track**

| Current Program:   |         | Proposed Program:                        |         |  |
|--|---------|--|---------|--|
| Liberal Studies:   | 56      | Liberal Studies: 50                      |         |  |
| Mathematics: MATH 121  |         | Mathematics: MATH 121                    |         |  |
| Liberal Studies Electives: MATH 122, no courses with PHYS prefix |         | Liberal Studies Electives: MATH 122, 4cr |         |  |
| Major:   | 44      | Major:                                   | 44      |  |
| Other Requirements:  | 15 - 21 | Other Requirements:                      | 15 - 21 |  |
| Free Electives:  | 3 - 9   | Free Electives:                          | 5 - 11  |  |
| Total Credits:   | 124     | Total Credits:                           | 120     |  |

Note: Footnote (1) "Intermediate-level Foreign Language may be included in Liberal studies electives ... etc." is to be deleted from the new listing.