| Bachelor of Science Degree Code Concentration Non-Teaching | | (BS | S) Pro | Program of Study for Dept. of Sustainable Tech & the Built Env Building Sciences Architectural Technology and Design | |
|--|---|----------------|-------------|--|--|
| | | 577 | Der Der | | |
| | | 577 | - | | |
| | | 377 | | | |
| 1101 | I-I Cac | ming | | Aic | intectural recunology and Design |
| I. | I. GENERAL EDUCATION (PHY 1103 & 1104 for the major fulfills Gen Ed: Science Inquiry. MAT 1020 for the major fulfills Quantitative Literacy. TEC 2029 may count in GIND 2012 and PLN 2410 may count in Gen Ed: LSE). | | | | |
| II. | MAJOR REQUIREMENTS | | | | |
| | (An ov | erall 2.0 GPA | is required | d in the major. 18 semester hours must be completed at Appalachian. Lapto | op computers are required). |
| | Junio | r Writing in | the Disc | ipline (WID) & Senior Capstone Experience (CAP) | must be met. |
| | Foun | dation Cours | sework (| 15 sh) Minimum grade of "C-" in each course required | |
| | | | (4) Co | ollege Algebra with Applications (or higher) (Prerequisite: pass math | placement or MAT 0010) |
| | TEC | 2029 | (3) So | ciety & Technology (Gen Ed: ILE: Sustainability & Global Resources; S | Social Sciences Designation) |
| | PHY | 1103 | (4) Ge | eneral Physics I (Corequisite: MAT 1020 or MAT 1025 or equivalent) (G | en Ed: Science Inquiry) |
| | PHY | 1104 | (4) Ge | eneral Physics II (Prerequisite: PHY 1103 or equivalent) (Gen Ed: Science | e Inquiry) |
| | Intro | ductory Cou | rsework | (27 sh) Minimum grade of "C" in each course required | |
| | | 1708 | | Instruction Technology & Building Codes | |
| | TEC | 1728 | | chitectural Graphics & Computer Modeling (Pre/Corequisite: TEC 1' | 708) |
| | TEC | 2718 | | ilding Mechanical Systems | |
| | TEC | 2758 | | rveying, Soils and Foundations (Prerequisite: MAT 1020) | |
| | TEC | 3038 | (3) Cor | mmercial Construction Technology (Prerequisite: MAT 1020, TEC 1708 ar | nd TEC 2758) |
| | TEC | 3039 | | aterials Science | |
| | INT | 1001 | | sual Literacy I | |
| | INT | 1002 | (3) Vis | sual Literacy II (Prerequisite: INT 1001) | |
| | INT | 2310 | - ' ' | story of Interior Design & Architecture II (Prerequisite: completion | n of Portfolio Review or permission of |
| | | | ins | structor) | |
| | Advanced Coursework (35 sh) Minimum grade of "C" in each course required | | | | |
| | | | | | olation of Freehouses Double lie Double on a consission |
| | INT | 3001 | | rchitecture and Design Internship Workshop (Prerequisite: comp | dietion of Freshman Portfolio Review or permission |
| | INT | 4320 | | the instructor) rofessional Practices in Design (Corequisite: INT 4110 or permission o | f the instructor |
| | | 3718 | | | |
| | | | | construction Estimating (Prerequisite: MAT 1020 or higher, TEC 1708, 3038, ki | |
| | | 3728 | - ` ' | rchitectural Design Studio I (Prerequisites: TEC 1708, 1728 or permiss | |
| | | 3738 | | atics & Strength of Structures (Prerequisite: MAT 1020, PHY 1104, The | |
| | | 3748 | - ` ' | uilding Science (WID) (Prerequisite: TEC 1708, 2718, MAT 1020 or higher, o | r permission of the instructor: RC 2001 or its equivalent) |
| | | 3758 | | rchitectural Design Studio II (Prerequisite: TEC 3728) | |
| | | | | rchitectural Design Studio III (Prerequisites: TEC 3748, 3758) | 720) |
| | | 4748 | | rchitectural Design Studio IV (Prerequisites: TEC 3038, 3718, 3738, 4 | |
| | | 4758 OR | (3) Pl | anning and Scheduling (Prerequisite: MAT 1020or higher, TEC 1708, 2 | 2/18, 3038, 3/18) |
| | | 4768 | (3) Co | onstruction Administration (Prerequisite: MAT 1020 or higher, TEC 17 | (08. 2718. 3038. 3718) |
| | | 4900 | - ` / | ternship (CAP) | ,,,, |
| | | | | | |
| | Majo | r Electives (1 | 11 sh fro | m the following) | |
| | IND | 2012 | (3) Pr | roduct Design (Gen Ed: LSE; Fine Art Designation) | |
| | IND | 2110 | (3) In | troduction to Fabrication | |
| | IND | 2201 | | esign Drawing I | |
| | INT | 2300 | | istory of Interior Design & Architecture I (Prerequisite: completion of Pol | |
| | PLN | 2410 | (3) To | own, City and Regional Planning (Gen Ed: LSE; Social Science Design | nation) |
| | PLN | 3432 | | anning Techniques | |
| | PLN | 3730 | (3) La | and Use Regulations | Major requirements that may count toward Gen Ed: |
| | TEC | 3035 | (1-3) A | rchitectural Field Study | MAT 1020 (4) Quantitative Literacy (fulfills) |
| | TEC | 3036 | (1-3) Co | onstruction Management Field Study | PHY 1103 (4) Science Perspective |
| | TEC | 3037 | (1-3) Su | ustainable Building Systems Field Study | PHY 1104 (4) Science Perspective |
| | TEC | 3520 | (1-3) In | structional Assistant | TEC 2029 (3) Integrative Learning Exp |
| | TEC | 3807 | (1) Co | onstruction Safety | IND 2012 (3) Liberal Studies Exp; FA PLN 2410 (3) Liberal Studies Exp; SS |
| | TEC | 4618 | | stainable Building Design & Construction (Prerequisite: TEC 1708 | 1 En 2710 (3) Liberal Studies Exp, 33 |
| | | | an | d TEC 2718) | Total Major Hrs: 88 |
| | | | | ther courses in the Dept. of Sustainable Tech & the Built Environ. | Gen Ed: <u>- 21</u> |
| | | | | lated to sustainability, planning, business or environmental topics | Net Major Hrs: 67 |
| | | | ap | proved by the program coordinator | |
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III. MINOR NOT REQUIRED – Recommended minor in Community and Regional Planning