

# BS in Civil Engineering

## Civil Engineering Major Requirements

|                             |                                              |                |
|-----------------------------|----------------------------------------------|----------------|
| J C ENGR 2160               | Surveying                                    | 3              |
| J C ENGR 3410               | Structural Analysis                          | 3              |
| J C ENGR 3420               | Structural Design                            | 3              |
| J C ENGR 3360               | Civil Engineering Materials Lab              | 1              |
| J C ENGR 3460               | Transportation Engineering                   | 3              |
| J C ENGR 3760               | Hydraulic Engineering                        | 3              |
| J C ENGR 4190               | Soil Mechanics                               | 3              |
| J C ENGR 4200               | Soil Exploration And Testing                 | 1              |
| J C ENGR 4600               | Highway and Traffic Engineering              | 3              |
| J C ENGR 4640               | Foundation Engineering                       | 3              |
| J C ENGR 4670               | Structure Design Projects                    | 3              |
| or J C ENGR 4910            | Water Hydrology and Hydraulic Design Project |                |
| J C ENGR 4730               | Construction Operations And Management       | 3              |
| J C ENGR 4740               | Economic Decisions In Engineering            | 3              |
| J C ENGR 4950               | Fundamentals Of Engineering Review           | 1              |
| J C ENGR 4990               | Senior Civil Engineering Seminar             | 1              |
| J M ENGR 1413               | Introduction To Engineering Design: CAD      | 2              |
| J M ENGR 2410               | Mechanics Of Deformable Bodies               | 3              |
| J M ENGR 3360               | Material Science For J C ENGR                | 3              |
| J M ENGR 3700               | Fluid Mechanics                              | 3              |
| J M ENGR 3721               | Fluid Mechanics Laboratory                   | 1              |
| MATH 1320                   | Applied Statistics I                         | 3              |
| Civil Engineering Electives |                                              | <del>3</del> 6 |

Sign-offs from other departments affected by this proposal

None

Rationale

Mistakenly deleted from previous bulletins; always been required for Civil Engineers.