

BACHELOR'S CURRICULUM OF PRESIDENT UNIVERSITY
2017 - 2020
CIVIL ENGINEERING

YEAR 1

Semester 1

| Code | Subject | Credit |
|--------------|-----------------------------------|-----------|
| PUN101 | Entrepreneurship 1 | 3 |
| PUN110 | English 1 | 3 |
| FOE101 | Calculus 1 | 3 |
| FOE102 | Physics 1: Mechanics | 3 |
| CEN101 | Engineering Drawing | 3 |
| CEN102 | Introduction to Civil Engineering | 3 |
| TOTAL | | 18 |

YEAR 2

Semester 4

| Code | Subject | Credit |
|--------------|--|-----------|
| PUN203 | Corporate Entrepreneurship 1 (6) | 6 |
| | Elective 1 | |
| | Elective 2 | |
| CEN207 | Engineering Geology and soil mechanics | 3 |
| CEN208 | Engineering Mechanics 2 | 3 |
| FOE305 | Fluid Mechanics | 3 |
| CEN209 | Civil Statistics and Probability | 3 |
| TOTAL | | 18 |

YEAR 3

Semester 7

| Code | Subject | Credit |
|--------------|---------------------------------|-----------|
| PUN306 | Start-Up1 (Technopreneurship 1) | 3 |
| | Elective 6 | |
| CEN315 | Concrete Engineering 2 | 3 |
| CEN316 | Steel Engineering 2 | 3 |
| CEN317 | Pavement | 3 |
| CEN318 | Drainage and Hydraulics | 3 |
| CEN319 | Foundation Design 2 | 3 |
| TOTAL | | 18 |

YEAR 4

Semester 10

| Code | Subject | Credit |
|--------------|---------------|----------|
| PUN488 | Thesis | 6 |
| PUN499 | Final Project | |
| TOTAL | | 6 |

Semester 2

| Code | Subject | Credit |
|--------------|--|-----------|
| PUN102 | Entrepreneurship 2 | 3 |
| PUN113/114 | Cultural Diversity (Mandarin & Indonesian) | 3 |
| CEN103 | Geometry Highway | 3 |
| FOE103 | Calculus 2 | 3 |
| CEN104 | Engineering Mechanics 1 | 3 |
| CEN105 | Land Surveying | 3 |
| CEN106 | Engineering materials | 3 |
| TOTAL | | 21 |

Semester 5

| Code | Subject | Credit |
|--------------|----------------------------------|-----------|
| PUN204 | Corporate Entrepreneurship 2 (6) | 6 |
| | Elective 3 | |
| | Elective 4 | |
| CEN210 | Engineering Mechanics 3 | 3 |
| CEN211 | Steel Engineering 1 | 3 |
| CEN212 | Concrete Engineering 1 | 3 |
| CEN213 | Foundation Design 1 | 3 |
| TOTAL | | 18 |

Semester 8

| Code | Subject | Credit |
|--------------|-------------------------------------|-----------|
| PUN307 | Start-Up2 (Technopreneurship 2) | 6 |
| | Elective 7 | |
| | Elective 8 | |
| PUN312 | English 3 | 3 |
| CEN320 | Hydrology and Irrigation | 3 |
| FOE306 | Research Methodology in Engineering | 3 |
| CEN321 | Transportation System | 3 |
| TOTAL | | 18 |

Semester 3

| Code | Subject | Credit |
|--------------|---------------------|----------|
| INA101 | Religion | 2 |
| INA102 | Pancasila | 2 |
| INA103 | Citizenship | 2 |
| INA104 | Indonesian Language | 3 |
| TOTAL | | 9 |

TOTAL YEAR 1

48

Semester 6

| Code | Subject | Credit |
|--------------|----------------------------------|----------|
| PUN205 | Corporate Entrepreneurship 3 (3) | 3 |
| | Elective 5 | |
| PUN211 | English 2 | 3 |
| CEN214 | Equipment | 3 |
| TOTAL | | 9 |

TOTAL YEAR 2

45

Semester 9

| Code | Subject | Credit |
|--------------|---------------------------------|----------|
| PUN308 | Start-Up3 (Technopreneurship 3) | 9 |
| PUN309 | Internship | |
| TOTAL | | 9 |

TOTAL YEAR 3

45

TOTAL YEAR 4

6

TOTAL

144

Acknowledged by

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| Elective | | |
|----------|-----------------------|--------|
| Code | Subject | Credit |
| CEN231 | Airport Engineering | 3 |
| CEN232 | Network Planning | 3 |
| CEN233 | Train Engineering | 3 |
| CEN234 | Building Construction | 3 |
| CEN235 | Construction Contract | 3 |
| CEN336 | Traffic Engineering | 3 |
| CEN337 | Harbor | 3 |
| CEN338 | Engineering Economics | 3 |