

## 1<sup>st</sup> Semester, 2012

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Writing  
English 1  
Residential Colloquia  
Chapel  
Leadership development  
General Biology and experiments (1)  
General Physics and Lab (1)  
General Chemistry and experiments (1)  
Calculus & Vector analysis (1)

## 2<sup>st</sup> Semester, 2012

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Bible and Christianity  
Chapel  
Leadership practice  
English 2  
Computer programming  
Calculus & Vector analysis (2)  
General Chemistry and experiments (2)  
General Biology and experiments (2)  
Beginner tennis

## 1<sup>st</sup> Semester, 2013

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Environmental analysis and Lab (Analytical chemistry)  
Environmental balances (Stoichiometry)  
Air pollution (theory)  
Korean modern & contemporary history  
Environ. Protection and Business ADMIN  
RC Career planning  
Chapel  
Engineering math 1  
English 3 & 4 - pass

## 2<sup>st</sup> Semester, 2013

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Mathematics for mechanical engineers (2)  
Future design in engineering (1)  
Applied thermodynamics  
Mechanism design  
Computer aided drafting  
Chapel(4)

## 1<sup>st</sup> Semester, 2014

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Mathematics for mechanical engineers (1)  
Creative mechanical engineering design (1)  
Thermodynamics  
Mechanics of solids (1)  
Modern society and psychology

## 2<sup>st</sup> Semester, 2016

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Chemical reaction engineering  
Undergraduate thesis  
Environmental engineering Lab (2)  
Water chemistry  
Environmental Pollutants Monitoring  
Environmental Policy  
Career Planning and Counseling  
Chapel  
RC Career Development  
Swimming

## Winter Session, 2016

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Japanese (1)  
Problem solving and presentation

## 1<sup>st</sup> Semester, 2017

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Environmental thermodynamics  
Seminar  
Energy environmental engineering  
Numerical analysis  
Energy recovery engineering  
Introduction to environmental data analysis  
Water treatment process engineering  
Career planning and counseling

## Summer Session, 2017

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Business administration in the global age  
Understanding of western music

2<sup>st</sup> Semester, 2017

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Fluid mechanics

New energy engineering

Structural mechanics

Wastes (theory)

Wastewater and mine drainage treatment processes

Green Capstone design

Success of technology start-practice

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GPA (Only major-courses) 4.24/4.30

GPA (Including elective-courses) 4.04/4.30

Total passed credit: 159