

Courses in **bold** require minimum grade of C-

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall Semester	17	Fall Semester	15	Fall Semester	17	Fall Semester	15
Freshman Clinic 1 (ENGR 01.101)	2	Sophomore Clinic 1 (ENGR 01.201)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus I (MATH 01.130)	4	Calculus III (MATH 01.230)	4	ME for ECE's (ME 10320) or Statics/Dynamics	3	Approved Engineering Elective	3
Introductory Mechanics I (PHYS 00.220)	4	Intro Dig Sys (ECE 09241)	3	Advanced ECE Core Course	3	Tech. Entrepreneurship (ENT 06450)	3
Computer Sci. & Prog* (CS 04.103)	4	Prin Elec Circuit Anal (ECE 09203)	4	Principles of Accounting I (ACC 03210)	3	Entr Elective	3
<i>Rowan Core elective</i>	3			New Venture I: Investig thru Dev (ENT 06426)	3	Math/Science Elective	4
				<i>Rowan Core elective</i>	3		
Spring Semester	16	Spring Semester	17	Spring Semester	16	Spring Semester	15
Freshman Clinic 2 (ENGR 01.102)	2	Sophomore Clinic 2 (ENGR 01.202)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus II (MATH 01.131)	4	Math for Engrg Analysis (MATH 01.235)	4	Math/Science Elective	4	Approved Engineering Elective	3
College Comp I (COMP 01111)	3	Comp Arch (ECE 09243)	3	Approved Engineering Elective	3	Entr Elective	3
Intro Elec. & Mag. (PHYS 00.222)	4	Electronics I (09311)	3	Engr Entr Clinic Consultant	1	Entr Elective	3
Entrepr. & Innov (ENT 06240)	3	Principles of Marketing (MKT 09200)	3	Finan. & Legal Aspect of Entrep (ENT 06342)	3	ECE Clinic Consultant	1
				<i>Rowan Core elective</i>	3	<i>Rowan Core elective</i>	3
						Total Credits	128

University Requirements

Rowan Core is the University's general education model. It is based on six literacies and *Rowan Experience* (see below) that reflect contemporary priorities while maintaining a strong liberal arts foundation. Some literacies are incorporated in your major-specific courses, others are fulfilled by taking elective courses in the required literacy.

Rowan Core-Literacies

- Artistic (ARTL)*
- Global (GLBL)*
- Humanistic (HUML)*
- Communicative (COML)*
- Quantitative (QNTL)*
- Scientific (SCIL)*

Fulfilled by:

- elective*
- elective*
- elective*
- Comp I, SEC I and II
- Calculus I
- Introductory Mechanics

Rowan Experience

- Rowan Seminar (RS)*
- Writing Intensive (WI)*
- Broad-based lit. (LIT)*

Fulfilled by:

- Freshman Engineering Clinic I
- Senior Engineering Clinic
- You may combine LIT with Rowan Core elective*

Courses in **bold** require minimum grade of C-

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall Semester	17	Fall Semester	15	Fall Semester	17	Fall Semester	17
Freshman Clinic 1 (ENGR 01.101)	2	Sophomore Clinic 1 (ENGR 01.201)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus I (MATH 01.130)	4	Calculus III (MATH 01.230)	4	Advanced Engineering I	3	Advanced Engineering IV	3
Introductory Mechanics I (PHYS 00.220)	4	Statics (ENGR 01271)	2	Advanced Engineering II	3	Advanced Engineering V	3
Computer Sci. & Prog (CS 04.103)	4	Dynamics (ENGR 01291)	2	New Venture I: Investig thru Dev (ENT 06426)	3	Technology Entrepreneurship (ENT 06450)	3
<i>Rowan Core elective</i>	3	Principles of Accounting I (ACC 03210)*	3	Entr Elective	3	Entr Elective	3
		*student must have sophomore status		<i>Rowan Core elective</i>	3	<i>Rowan Core elective</i>	3
Spring Semester	16	Spring Semester	14	Spring Semester	16	Spring Semester	16
Freshman Clinic 2 (ENGR 01.102)	2	Sophomore Clinic 2 (ENGR 01.202)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus II (MATH 01.131)	4	Math for Engrg Analysis (MATH 01.235)	4	Math/Science Elective	4	Advanced Engineering VI	3
College Comp I (COMP 01111)	3	Strength of Materials (ENGR 01273)	3	Advanced Engineering Elective III	3	Entr Elective	3
Chemistry I (CHEM 06100)	4	Principles of Marketing (MKT 09200)	3	Engr Entr Clinic Consultant	1	Math/Science Elective	4
Entrepr. & Innov (ENT 06240)	3			Finan. & Legal Aspect of Entrep (ENT 06342)	3	Engr Entr Clinic Consultant	1
				Princ. ECE for Non-Majors (ECE 09281) or Mat. Sci. & Mfg. (ENGR 01283)	3	<i>Rowan Core elective</i>	3

Total Credits

128

University Requirements

The *Rowan Core* is the University's general education model. It is based on six literacies and *Rowan Experience* (see below) that reflect contemporary priorities while maintaining a strong liberal arts foundation. Some literacies are incorporated in your major-specific courses. Others you will fulfill by taking elective courses in the required literacy.

Rowan Core-Literacies

- Artistic (ARTL)
- Global (GLBL)
- Humanistic (HURL)
- Communicative (COML)
- Quantitative (QNTL)
- Scientific (SCIL)

Fulfilled by:

- elective
- elective
- elective
- Comp I, SEC I and II
- Calculus I
- Chemistry I

Rowan Experience

- Rowan Seminar (RS)*
- Writing Intensive (WI)*
- Broad-based lit. (LIT)*

Fulfilled by:

- Freshman Engineering Clinic I
- Senior Engineering Clinic
- You may combine LIT with *Rowan Core elective*