

J P V Madsen Academic Record (Matriculation, BSc, DSc) 1896, 1897-1900,1907.

(Prepared by R W Madsen October 7,2017.)

Concurrent BSc & BE degrees.(First student in Australian University to do this)

Matriculation Examinations set by University of Sydney for Senior Schools in NSW & Qld.(143 students sat, 105 passed)

Sydney Boys High School, Ultimo, 1896 –Form 6 (10 boys).

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|-------------------------------------|---|------------------|--|
| Ancient History | C | | |
| French | C | * | ** |
| Latin | C | * | ** |
| Arithmetic | A | Optional for BSc | ** |
| Algebra | A | * | ** |
| Geometry | A | * | **(Awarded Medal by Sydney University) |
| Trigonometry | A | * | ** |
| Elementary Surveying & Astronomy -B | | | ** Optional for BE entry |
| Physics I | B | | |
| Physics II | B | | |

*Required for entry into Science Degree at Sydney University.

**Required for BE entry

University of Sydney , Science Degree

First Year (1897).

Results as per University Calendar.

Chemistry (Mining)-Honours class II.

Physics (Awarded Levey Scholarship)

Applied Mechanics, General & Mechanical Drawing

Regulations.

I. Biology

II. Chemistry

III.Mathematics

IV.Physics

V.Physiography.

Second Year. (1898).

Mathematics (Eng) Honours Class I.

I. Botany & Zoology

Physics Honours class I (Deans Thomson Scholar)

Geology Honours Class II.

DEpt. of Civil Engineering-Pass

II. Chemistry

III. Geology

IV. Mathematics

V. Physics

VI. Physiology

Slade Prize for Practical Physics

Position: Physics Junior Demonstrator.

Third Year. (1898)

Biology- Pass

Physics- Honours Class I

Mathematics –Honours Class I

I. Biology & Physiology

II. Botany, Geology & Palaeontology

III. Chemistry (with Maths or Physics)

IV. Physics & Mathematics

University Medal for Mathematics.

Position: Junior Demonstrator-Applied Mechanics, Materials & Structures.

University of Sydney, BE (Civil) Degree.

First Year. (1897) (9 Undergraduates in Engineering).

Results as per University Calendar.

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Regulations.

I. Chemistry-Inorganic

II. Descriptive Geometry & Drawing

III. Mathematics

IV. Applied Mechanics

V. Physics.

VI. Physical Geography & Geology.

Second Year (1898).

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I. Applied Mechanics

II. Civil Engineering

III. Drawing

- IV. Geology
- V. Mathematics
- VI. Physics
- VII. Surveying.

Third Year (1899).

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- I. Drawing & Design
- II. Materials & Structures
- III. Mathematics
- IV. Surveying
- V. i) Civil Engineering & Architecture
- V. ii) or: Mechanical Engineering

1900 (1896-1899 Subjects for BE Electrical Engineering were not available)

Civil Engineering, Materials & Structures, Architecture & Surveying.

Geology & Mineralogy-Mathematics –Class I.

Physics –Class I.

University Medal for Civil Engineering.

Position: Assistant Instructor in Drawing.

1901. Peter Nicol Russell Medal for BE postgraduate thesis.

NOTE.

It appears that the University Calendar may not be recording all subjects at a Pass Level.

JPVM held positions on Sydney University Engineering Society (Secretary & Council) & Sydney Uni Undergraduate Association.

University of Adelaide.

1907 DSc.

Thesis: “The Ionization Remaining in Gases after Removal from the Influence of the Ionizing Agent”

(Substituted thesis as advised by Adelaide University, August 2014, Trans. Roy. Soc. S.A. April 1908.)