

Oracle Academy Curriculum and Training

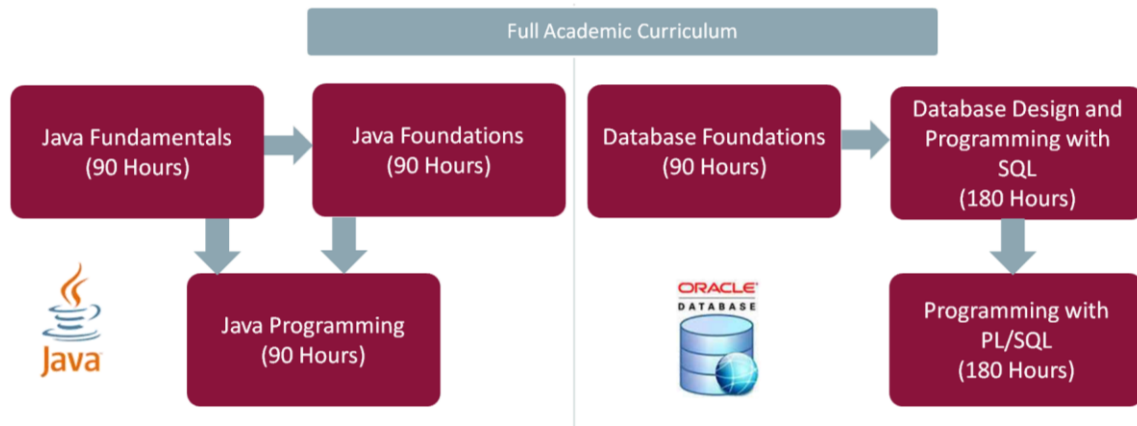
Workshops

- Workshops (1 or 2 day(s) offering) – both for individual and institutional members!
 - o Getting started with Java using Alice (8h)
 - o Creating Java programs with Greenfoot (16h)
 - Programming the Finch Robot with Greenfoot (8h)
 - Programming the Finch Robot with Java (8h)
 - o Database: Solve it with SQL (8h) – all needed software is for free. Maybe it's better to do Database foundations (to engage with APEX) first.

Academic Curriculum

- Academic Curriculum – Hands-on learning (1 or 2 semesters) – only for teachers

Oracle Academy Curriculum Overview



1. **Java Fundamentals (90h)** → Especially for students who start with Java
 2. **Java Foundations (90h)** → Higher level education: first year college and technical students.
 - o Pure Java environment
 - o More involved course
 - o When Java Fundamentals and Java Programming are taken, this foundations course can be skipped.
 3. **Java Programming (90h)** → Especially for college and university students
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1. **Database Foundations (90h)** → Introduction in Databases
 2. **Database Design and Programming with SQL (180h)** → Second phase in Databases education
 - o Some overlap with Database Foundations, but more involved.
 3. **Programming with PL/SQL (180h)** → High level education college and technical students.

Training Delivery

Delivery Methodologies

Virtual Instructor Led Training

Preferred mode
Flexibility
Reduced travel
Duration – almost similar to In-Class inclusive of time for teachers to complete assignments/homework

In-Class Training

Traditional mode
Preferred in some cultures/countries

Virtual Instructor Led Training & In-Class

Hybrid Blended Learning mode of In-Class and Virtual training
Helps to make the transition from In-Class training to Virtual Instructor Led Training

Self Study

Self paced training
Available 24 x 7
No travel / out of school time
Members will also have the option to request access to Curriculum without training.

Java Training

1. Virtual Instructor Led Training & In-Class: 10 weeks virtual training + 2 days in-class.
2. In-Class Training: 5 days in-class (on premise or at Oracle University).
3. Virtual Instructor Led Training (100% virtual): 7 weeks self-study + 3/4 hours per week contact with instructor.

Databases Training

1. Virtual Instructor Led Training & In-Class: 10 weeks virtual training + 3 days in-class.
2. In-Class Training: 5 days in-class (on premise or at Oracle University).
3. Virtual Instructor Led Training (100% virtual): 15 weeks self-study + 3/4 hours per week contact with instructor.

Oracle University Certifications

Oracle Certified Junior Associate Level (OCJA)

Java Fundamentals (90h) +

Java Foundations (90h) =

Java Foundations Certified Junior Associate (1Z1-811)

Database Foundations (90h) =

Oracle Database Foundations Certified Junior Associate (1Z1-006)

Associate Level (OCA)

Java Programming (90h) =

Java SE8 Programmer (I) (1Z0-808)

Database Design and

Programming with SQL (180h) =

Oracle Database 11g: SQL Fundamentals (I) (1Z0-051)

Programming with PL/SQL (180h) =

Program with PL/SQL (1Z0-147)

Expected

Feb 2017

Big Data Foundations (90h)

Feb 2017

Developing Database Application in Application Express (90h)

Aug 2017

Cloud Computing Foundations (45h)